



State of Washington
REPORT OF EXAMINATION
FOR WATER RIGHT CHANGE

File NR: CS4-01212CTCL
WR Doc ID: 4715759

Add Points of Withdrawal and Change Point of Diversion

PRIORITY DATE
June 30, 1878

WATER RIGHT NUMBER
Ecology Control No.: CS4-01212CTCL
Certificate No.: S4-84623-J

MAILING ADDRESS
David Brown
c/o Old Union Irrigation Company
City of Yakima
2301 Fruitvale Blvd.
Yakima, WA 98902

SITE ADDRESS (IF DIFFERENT)
n/a

Total Quantity Authorized for Withdrawal or Diversion

WITHDRAWAL OR DIVERSION RATE	UNITS	ANNUAL QUANTITY (AC-FT/YR)
13.40	cfs	5,263

Total withdrawals or diversions from all sources must not exceed the total quantity authorized for diversion listed above.

Purpose

PURPOSE	WITHDRAWAL OR DIVERSION RATE			ANNUAL QUANTITY (AC-FT/YR)		PERIOD OF USE (mm/dd)
	ADDITIVE	NON-ADDITIVE	UNITS	ADDITIVE	NON-ADDITIVE	
Irrigation of residential, commercial, and agricultural land.	13.40		cfs	5,263		04/01 - 09/30
Irrigation of residential, commercial, and agricultural land.		12.08	cfs		5,263	10/01 -10/31

Remarks:

The Conditional Final Order (CFO) specifies the following Limitation of Use:

The instantaneous quantity that Old Union is authorized to divert includes 2.32 cfs confirmed to Simmons-Vaughn-Mabry Lateral under Court Claims No. 1511 and No. 3168(A), Subbasin No. 19 (Lower Naches River).

IRRIGATED ACRES		PUBLIC WATER SYSTEM INFORMATION	
ADDITIVE	NON-ADDITIVE	WATER SYSTEM ID	CONNECTIONS
566.4	16.0	N/A	N/A

Source Location			
COUNTY	WATERBODY	TRIBUTARY TO	WATER RESOURCE INVENTORY AREA
YAKIMA	NACHES RIVER	YAKIMA RIVER	38-NACHES
YAKIMA	GROUNDWATER		37-LOWER YAKIMA

SOURCE FACILITY/DEVICE	PARCEL	WELL TAG	TWP	RNG	SEC	QQ Q	LATITUDE	LONGITUDE
NACHES RIVER	181309-24002	n/a	13 N.	18 E.	09	SENW	n/a	n/a
S1	191329-11005	n/a	13 N.	19 E.	29	NENE	N 46.58957	W 120.47295
S2	191329-11005	n/a	13 N.	19 E.	29	SENE	N 46.58684	W 120.47151

Place of Use (See Attached Map)

LEGAL DESCRIPTION OF AUTHORIZED PLACE OF USE

A narrative description of the place of use (POU) is given in the Draft Schedule of Rights for the *Acquavella* Surface Water Rights Adjudication:

OU 23 as amended is the written description of Old Union's place of use. The place of use is identified on OU 24, OU 25, COY 15E-1 (Upper Old Union), COY 15 L-1 (Central Old Union), COY 15 M-1 (Lower Old Union), and COY 15 A-1 (City served parcels).

This POU description includes:

- S½ SE¼ of Section 10.
- S½ SW¼ of Section 11.
- S½ SE¼ of Section 11.
- S½ SW¼ of Section 12.
- S½ SE¼ of Section 12.
- NW¼ SE¼ of Section 12.
- N½ NE¼ of Section 15.
- N½ NW¼ of Section 14.
- N½ NE¼ of Section 14.
- SE½ NE¼ of Section 14.
- N½ of Section 13.
- N½ SW¼ of Section 13.
- N½ SE¼ of Section 13.

All in Township 13 N., Range 18 E.W.M.

AND

- SW¼ SW¼ of Section 7.
- NW¼ NW¼ of Section 18.
- S½ NW¼ of Section 18.
- N½ SW¼ of Section 18.
- W½ of Section 20.

- W½ NE¼ of Section 20.
- SE¼ of Section 20.
- SW¼ NW¼ of Section 28.
- W½ SW¼ of Section 28.
- Section 29.
- SE¼ NE¼ of Section 30.
- NE¼ NW¼ of Section 32.
- NE¼ of Section 32.
- W½ NW¼ of Section 33.

All in Township 13 N., Range 19 E.W.M.

Proposed Works

The request consists of two source changes to adjudicated Court Claim S4-01212CTCL, which are addressed in the following Report of Examination:

- 1) Change in surface diversion, from the existing diversion on the Naches River below Twin Bridges (at river mile 2.5), upstream to the site of Nelson-Cowiche Dam at Naches River mile 3.7. The proposed move is a component in the consolidation of irrigation water diversions managed by the City at the site of the proposed renovated dam structure. The City of Yakima (City) is proposing to move the point of diversion (POD) concurrent with reconstruction of the dam, which is intended to relieve stresses driven by problematic river aggradation.
- 2) Add two points of withdrawal (POWs) to the subject water right to provide water for a 16-acre portion of the Yakima Arboretum. The two wells requested for addition already exist, and are serving another 16 out of 32 total acres of the Arboretum are irrigated under CG4-23039C@1.

Development Schedule

BEGIN PROJECT	COMPLETE PROJECT	PUT WATER TO FULL USE
Begun	July 31, 2025	July 31, 2030

Washington State Department of Ecology's (Ecology) findings as documented by this water right change decision are based on the Schedule of Water Rights presented in the CFO, Major Claimants, issued April 10, 2003 by the Yakima County Superior Court (Court), and the current *Acquavella* Draft Schedule of Rights, which is periodically updated when changes are made by the Court. Ecology's decision is subject to any subsequent determination made by the Court, including the Final Decree in *Department of Ecology v. Acquavella*. Any changes to this water right made by the Court will be reflected on the final certificate of adjudicated water right, which will issue subsequent to entry of the Final Decree in *Department of Ecology v. Acquavella*.

Measurement of Water Use	
How often must water use be measured?	Weekly
How often must water use data be reported to Ecology?	Upon Request by Ecology
What volume should be reported?	Total Annual Volume
What rate should be reported?	Annual Peak Rate of Diversion (cfs)

Provisions

Water Availability and Non-impairment

This change authorization shall be subject to curtailment when valid priority calls on water right S4-83234-J on the Naches River are imposed by the water master, stream patrolman, or the Court. This may result in temporary curtailment of the use of water under this change authorization until the priority call ends.

The instantaneous quantity that Old Union is authorized to divert includes 2.32 cfs confirmed to Simmons-Vaughn-Mabry Lateral under Court Claims No. 1511 and No. 3168(A), Subbasin No. 19 (Lower Naches River).

Groundwater Source Limitations

Groundwater sources at the Arboretum are limited to the following instantaneous and annual quantities:

- 0.68 cubic-feet per second (305.2 gpm) from April 1 through August 31.
- 0.45 cubic-feet per second (202.0 gpm) from September 1 through September 30.
- 0.34 cubic-feet per second (152.6 gpm) from October 1 through October 31.
- 188.4 acre-feet per year.
- 16.0 acres of irrigation.

Old Union is required to reduce quantities diverted from the Naches River by a quantity equivalent to use of groundwater sources at the Arboretum property.

Department of Fish and Wildlife Requirement(s)

The intake(s) must be screened in accordance with Department of Fish and Wildlife screening criteria (pursuant to RCW 77.57.010, RCW 77.57.070, and RCW 77.57.040). If you have questions about screening criteria, contact the Department of Fish and Wildlife at:

Department of Fish and Wildlife
Attention: Habitat Program
600 Capitol Way N
Olympia, WA 98501-1091

Phone: (360) 902-2534
Email: habitatprogram@dfw.wa.gov
Website:
<http://wdfw.wa.gov/conservation/habitat/planning/screening/>

For the Yakima Construction Shop, to obtain technical assistance for your project (509) 575-2104.

Easement and Right-of-Way

Where the water source and/or water transmission facilities are not wholly located upon land owned by the applicant, issuance of a water right change authorization by this department does not convey a right of access to, or other right to use, land which the applicant does not legally possess. Obtaining such a right is a private matter between applicant and owner of that land.

Schedule and Inspections

Ecology personnel, upon presentation of proper credentials, will have access at reasonable times, to the project location, and to inspect at reasonable times, records of water use, wells, diversions, measuring devices and associated distribution systems for compliance with water law.

Findings of Facts

Upon reviewing the investigator's report, I find all facts, relevant and material to the subject application, have been thoroughly investigated. Furthermore, I concur with the investigator that water is available from the source in question; that there will be no impairment of existing rights; that the purpose(s) of use are beneficial; and that there will be no detriment to the public interest.

Therefore, I ORDER approval of Application No. CS4-01212CTCL, subject to existing rights and the provisions specified above.

Your Right To Appeal

This Decision may be appealed pursuant to RCW 34.05.514(3), RCW 90.03.210(2), and Pretrial Order No. 12 entered in *State of Washington, Department of Ecology v. James Acquavella, et al.*, Yakima County Superior Court No. 77-2-01484-5 (the general adjudication of surface water rights in the Yakima River Basin). The person to whom this Decision is issued, if he or she wishes to file an appeal, must file the notice of appeal with the Yakima County Superior Court **within thirty (30) days of receipt of this Decision**. Appeals must be filed with the Superior Court Clerk's Office, Yakima County Superior Court, 128 North 2nd Street, Yakima WA 98901, RE: Yakima River Adjudication. Appeals must be served in accordance with Pretrial Order No. 12, Section III ("Appeals Procedures"). The content of the notice of appeal must conform to RCW 34.05.546. Specifically, the notice of appeal must include:

- The name and mailing address of the appellant;
- Name and address of the appellant's attorney, if any;
- The name and address of the Department of Ecology;
- The specific application number of the decision being appealed;
- A copy of the decision;
- A brief explanation of Ecology's decision;
- Identification of persons who were parties in any adjudicative proceedings that led to Ecology's decision;
- Facts that demonstrate the appellant is entitled to obtain judicial review;
- The appellant's reasons for believing that relief should be granted; and
- A request for relief, specifying the type and extent of relief requested.

The "parties of record" who must be served with copies of the notice of appeal under RCW 34.05.542(3) are limited to the applicant of the decision subject to appeal, Ecology and the Office of the Attorney General.

All others receiving notice of this Decision, who wish to file an appeal, must file the appeal with the Yakima County Superior Court **within thirty (30) days of the date the Order was mailed**. The appeal must be filed in the same manner as described above.

Please send a copy of your appeal to:

Section Manager
Water Resources Program
Ecology Central Regional Office
1250 West Alder Street
Union Gap, WA 98903

Signed at Union Gap, Washington, this _____ day of _____, 2016.

Thomas Perkow, Acting Section Manager
Water Resources Program
Central Regional Office

DRAFT

To find laws and agency rules visit the Washington State Legislature Website: <http://www1.leg.wa.gov/CodeReviser>.

INVESTIGATOR'S REPORT

BACKGROUND

Description and Purpose of Requested Change

On January 21, 2011, the City of Yakima (the City), on behalf of Old Union Irrigation Company, filed this change application to make an upstream move of the existing point of diversion (POD) on the Naches River below Twin Bridges (at river mile 2.5), to the site of Nelson-Cowiche Dam upstream on the Naches River at river mile 3.7. Water diverted at the proposed POD will be conveyed down the City's general irrigation pipe and into the Fruitvale Canal near the intersection of Naches Heights Road and West Powerhouse Road. The proposed move is a component in the consolidation of irrigation water diversions managed by the City at the site of the proposed replacement dam structure. The City is proposing to move the POD concurrent with reconstruction of the dam, which is intended to relieve stresses driven by problematic river aggradation and subsequent flood control difficulties on the Naches River. For the City's irrigation department, moving the POD will also eliminate a complicated start-up process at the beginning of each irrigation season.

The City also requested to add two downstream points of withdrawal (POWs) to the water right for use irrigating sixteen acres at the Yakima Area Arboretum (Arboretum). POWs requested for this component of the project are existing wells, and are attached to existing or prior groundwater rights (G4-23039C for Well 1, and G4-29825T for Well 2). The Arboretum is within the place of use (POU) for the subject right.

No other attribute changes are proposed as part of this change application. The irrigation and ditch companies represented by the City will continue to be irrigated with water from the Naches River. If this application is approved (along with the four other companion applications), it will consolidate the PODs for each of the separately-defined water rights to a single POD at the Nelson-Cowiche Dam.

This change application qualifies for expedited processing under WAC 173-152-050(2)(d) whereby water right changes or transfers may be priority processed when the proposed water use would result in providing public water supplies to meet general public needs for the regional area. The requested water right change is a component in the larger Nelson-Cowiche Dam project, whose goals include enhancing and improving water management, flood control, wetlands, fish habitat, and the reliability of water supply for existing Yakima Basin water rights.

This investigation serves as the written findings of fact concerning water right Change Application CS4-01212CTCL.

Table 1: Attributes of Application for Change CS4-01212CTCL.

Attributes	Existing	Proposed
Name	Old Union Irrigation Co.	Old Union Irrigation Co.
Priority Date/ Change Application Date	June 30, 1878	January 21, 2011

Instantaneous Quantity (Qi)	24.15 cfs April 1 – August 31, 16.10 cfs September 1 – 30, 12.08 cfs October 1 – 31.	13.40 cfs April 1 – September 30, 12.08 cfs October 1 – 31.
Annual Quantity (Qa)	6,670 acre-feet per year.	5,263 acre-feet per year.
Purpose of Use	Irrigation of residential, commercial, and agricultural land.	Irrigation of residential, commercial, and agricultural land.
Period of Use	April 1 – October 31	April 1 – October 31
Place of Use	OU 23 as amended is the written description of Old Union's place of use. The place of use is identified on OU 24, OU 25, COY 15E-1 (Upper Old Union), COY 15L-1 (Central Old Union), COY 15M-1 (Lower Old Union), and COY 15A-1 (City served parcels).	OU 23 as amended is the written description of Old Union's place of use. The place of use is identified on OU 24, OU 25, COY 15E-1 (Upper Old Union), COY 15L-1 (Central Old Union), COY 15M-1 (Lower Old Union), and COY 15A-1 (City served parcels).
Points of Diversion/Withdrawal	1,250 feet south and 400 feet west of the center of Section 10, being within the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, T. 13 N., R. 18 E. W. M., Yakima County.	One POD at: 1,790 feet south and 1,600 feet east of the northwest corner of Section 9, being within the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 9, T. 13 N., R. 18 E.W.M., Yakima County. AND One POW located N. 46.58957, W 120.47295 within: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 29, T. 13 N., R. 19 E.W.M., Yakima County. AND One POW located approximately: N. 46.58684, W 120.47151 within: SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 29, T. 13 N., R. 19 E.W.M., Yakima County.

Legal Requirements for Proposed Change

The following is a list of requirements that must be met prior to authorizing the proposed change.

- **Public Notice**

RCW 90.03.280 requires that notice of a water right application be published once per week, for two consecutive weeks, in a newspaper of general circulation in the county or counties where the water is to be stored, diverted, and used.

Notice of this application was published in the Yakima Herald Republic on July 13, and July 20, 2012. No letters of protest or comments were received during the 30-day protest period.

- **Water Transfer Working Group**

This application was presented to the Yakima River Basin Water Transfer Working Group (WTWG) on November 2, 2015. Both the Yakama Nation and the Washington Department of Fish and Wildlife (WDFW) requested further analysis on potential changes to the hydrograph resulting from the upstream move in POD. This component was presented and discussed at the December 7, 2015 WTWG meeting. A representative from WDFW verbally indicated that they had no further concerns after reviewing the presented data. On December 10, 2015, the Washington State Department of Ecology (Ecology) received notification from the Yakama Nation stating that they had no further concerns with the project.

- **State Environmental Policy Act (SEPA)**

A water right application is subject to a SEPA threshold determination (i.e. an evaluation whether there are likely to be significant adverse environmental impacts) if any one of the following conditions is met:

- (a) It is a surface water right for more than 1 cubic foot per second (cfs), unless that project is for agricultural irrigation, in which case the threshold is increased to 50 cfs, so long as that irrigation project will not receive public subsidies.
- (b) It is a groundwater right for more than 2,250 gallons per minute (gpm).
- (c) It is an application that, in combination with other water right applications for the same project, collectively exceed the amounts in (a) and (b) above.
- (d) It is a part of a larger proposal that is subject to SEPA for other reasons (e.g., the need to obtain other permits that are not exempt from SEPA).
- (e) It is part of a series of exempt actions that, together, trigger the need to do a threshold determination, as defined under WAC 197-11-305.

On November 14, 2014, the City, SEPA Lead Agency for the project, determined that this project will have no probable significant adverse impact on the environment and issued a Determination of Nonsignificance (DNS) on December 1, 2014 under SEPA File No. 026-14. The DNS and entire official SEPA file for this project are available from the City of Yakima Community

Development Department in Yakima, WA, at (509) 575-6183; or a copy of the DNS is available by contacting Ecology's Central Region Office in Union Gap, WA, at (509) 575-2490.

- **Water Resources Statutes and Case Law**

RCW 90.03.380(1) states that a water right that has been put to beneficial use may be changed. The POD, POU, and purpose of use may be changed if it would not result in harm or injury to other water rights.

WAC 173-152-050(2)(d) states that Ecology may approve an application for priority processing that, if approved, would result in providing for public water supplies including, but not limited to, consolidation of two or more public water systems, to meet general public needs for the regional areas.

Tentative Determination of Extent and Validity

The Washington Supreme Court has held that Ecology, when processing an application for change to a water right, is required to make a tentative determination of extent and validity of the claim or right (See *RD Merrill v. PCHB* and *Okanogan Wilderness League v. Town of Twisp*). This is necessary to establish whether the claim or right is eligible for change. In this case, the proposed right for change has been adjudicated by the Yakima Superior Court and a Conditional Final Order (CFO) for the New Schanno Ditch Company Court Claim No. 1212 issued on April 10th, 2003. As there has been at least a 5-year period since the issuance of the CFO, a tentative determination of the extent and validity of this right is required.

INVESTIGATION

Data and information used to construct this investigation were obtained during a site visit conducted on July 8, 2014. Present during the site visit were Ecology representatives Tyler Roberts and Stan Isley, and applicant representative Dave Brown of the City. Other pertinent information was obtained from various sources internal and external to Ecology. These sources include, but are not limited to:

- Documentation submitted with the change application
- Applicable RCW and WAC chapters
- Ecology records
- Historical land and aerial photographs
- Data submitted by the applicant concerning the historical quantity of diverted water
- Water Resources Program Geographic Information System (GIS) data
- In-person meetings, discussions, and presentations with involved personnel from the City, WDFW, U.S. Bureau of Reclamation (USBR), and Yakima County Flood Control Zone District (Flood Control)
- Court documentation such as the CFO and Report of Referee (RoR)

History of Water Use for Court Claim No. 1212

Court Claim No. 01212 was filed in *Department of Ecology v. James J. Acquavella, et al.* (hereafter *Acquavella*) by the Old Union Ditch Company (Old Union), claiming irrigation water for 1,500 to 2,000 acres from the Naches River. Testimony at the Evidentiary Hearing (outlined in the RoR for Subbasin 19, hereafter RoR) stated that Old Union was incorporated on February 1, 1884, and claimed operation since spring 1879.

On October 14, 1993, the Court granted a motion to transfer the Old Union claim into the Major Claimant Pathway from Sub-basin 19 (Lower Naches).

Germane to the current investigation is the *Acquavella* CFO. On April 10, 2003, the Court issued the CFO for Court Claim No. 01212 with the following provisions:

- 1) The point of diversion is located approximately 1,250 feet north and 400 feet west of the center of Section 10, being within the NE¼ SW¼ of Section 10, T. 13 N., R. 18 E.W.M.
- 2) Priority date is June 30, 1878.
- 3) The purpose of use is irrigation of 566.4 acres of residential, commercial and agricultural land.
- 4) The place of use is described on COY 15E-1 (Upper Old Union), COY 15L-1 (Central Old Union), 15M-1 (Lower Old Union), COY 15A-1 (City served parcels), OU 24 and OU 25. OY 23 as amended is the written description of Old Union's place of use.
- 5) The season of use is April 1 through October 31.
- 6) Old Union is authorized to divert from the Naches River according to the following schedule:
 - 24.15 cubic-feet per second from April 1 through August 31.
 - 16.10 cubic-feet per second from September 1 through September 30.
 - 12.08 cubic-feet per second from October 1 through October 31.
 - 6,670 ac-ft/yr.

The Court also found the following:

- 7) Old Union's claim to an unauthorized or *de facto* change in point of diversion is denied.
- 8) Old Union's claim to a standby or a reserve supply is denied.
- 9) Old Union's claim to a municipal supply is denied.
- 10) Old Union's water right pursuant to the unassigned shares is relinquished for failure to put water to beneficial use or supply a sufficient cause for nonuse.

Proposed Use

This change application requests two principal changes to the existing water right; 1) an upstream move in surface diversion for the Old Union canal from its existing diversion on the Naches River below Twin Bridges (at river mile 2.5), to the site of Nelson-Cowiche Dam upstream on the Naches River (at river

mile 3.7, and 2) the addition of two POWs to the water right at the Yakima Area Arboretum property. These are outlined in greater detail in the following paragraphs.

Application Overview (Surfacewater Portion): This application seeks to change a portion of the adjudicated court claim S4-01212CTCL from its existing Old Union canal diversion on the Naches River at river mile 2.5, upstream on the Naches River to the site of Nelson-Cowiche Dam at river mile 3.7. Water diverted at the proposed POD will be conveyed down the City's general irrigation pipe and into the Fruitvale Canal near the intersection of Naches Heights Road and West Powerhouse Road.

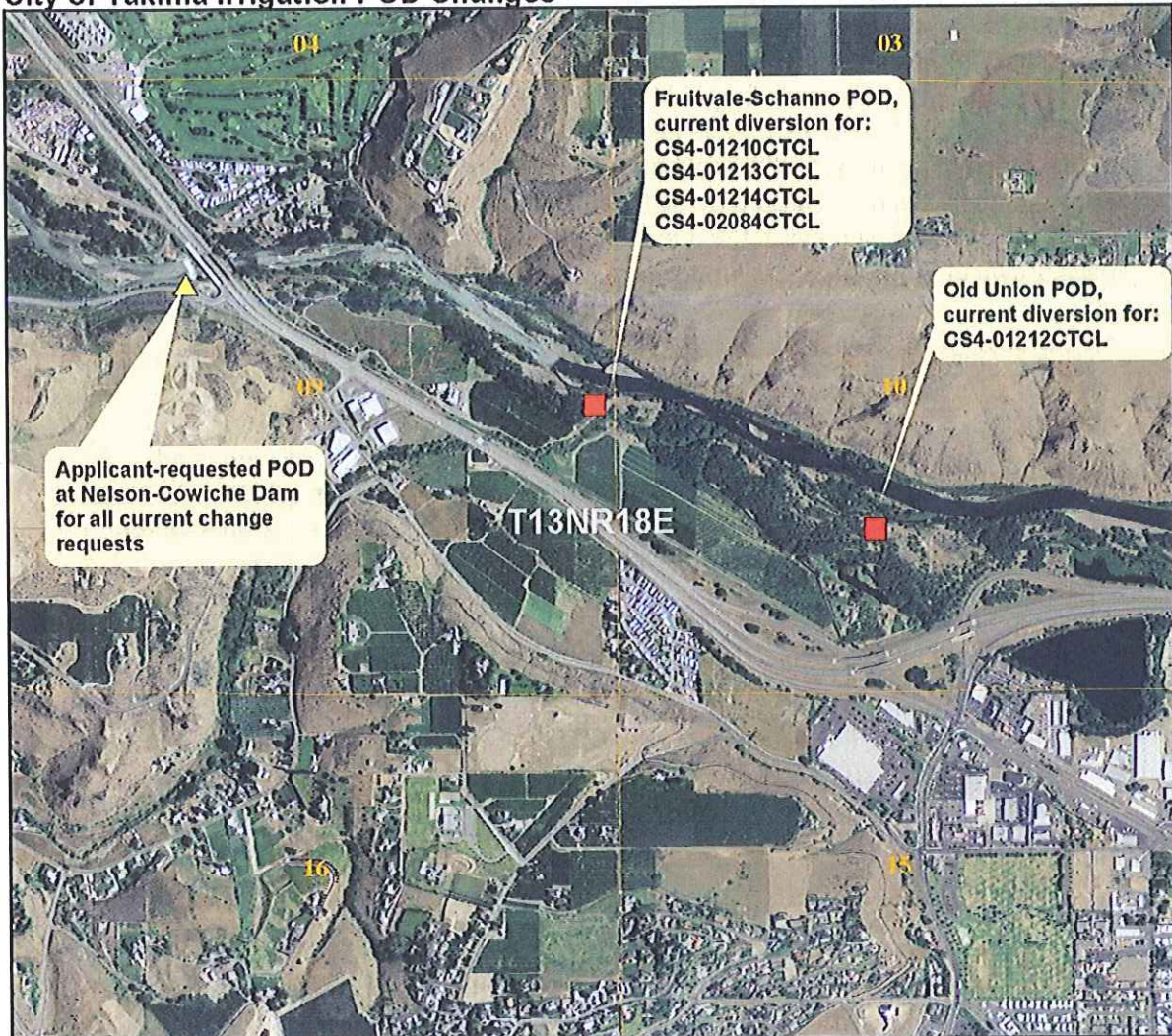
The properties represented on behalf of the City will continue to be primarily irrigated with water from the Naches River. If this change application is approved along with the four other companion change applications, it will consolidate the POD for each of the separately-defined water rights at a single location. It does not however seek to transfer water to any lands that have not already been designated a POU under any one of the subject water rights, nor enjoin any quantities to companion rights not authorized under the Washington state water code.

Application Overview (Groundwater Portion): The application referenced above seeks to change a portion of adjudicated Court Claim S4-01212CTCL from its existing diversion on the Naches River, downstream to two existing wells located at the Yakima Area Arboretum /Greenway (Sherman Park). The subject application, CS4-01212CTCL, seeks to authorize the withdrawal of 0.68 cfs (~306 gpm) from April 1 to August 31 annually and 0.45 cfs (~203 gpm) from September 1 to September 30 annually, and 0.34 cfs (~153 gpm) October 1 to October 15 annually, together totaling a maximum of 188.4 acre feet per year from the two existing wells.

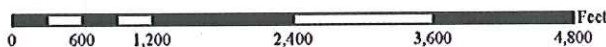
Existing POD and proposed POW Locations: The existing POD for adjudicated Court Claim S4-01212CTCL is located on Yakima County parcel number 181310-31004 and within Section 10 of T. 13 N., R. 18 E. The proposed POWs, existing Well 1 and Well 2, are located on Yakima County parcel number 191329-11005 and within Section 29 of T. 13 N., R. 19 E.

Well Details: Well 1 is a 48 inch diameter, 28 foot dug well that was authorized for use under G4-23039C. Well 2, is a 10 inch diameter, 350 foot drilled well that was authorized under Temporary Permit, G4- 29825T. Well 2 is constructed with 10 inch solid casing and cement seal to a depth of 158 feet. The casing telescopes to an 8 inch casing between 145 and 350 feet in which three sections of stainless steel screen have been installed at the depths of 265 to 270 feet, 280 to 290 feet, and 335 to 340 feet. Both wells are drilled into fluvial/alluvial sediment deposits associated with the Yakima River consisting of stratified gravels, sands, silts and clays. A static water level (swl) was not recorded for Well 2 on its water well report, however, the well was measured twice monthly during the non-irrigation season of 1991-1992 by Ecology staff. Well 2's swls were found to range from approximately 3 to 5 feet below the land surface during this time. Both wells are plumbed into the Arboretum/Greenway irrigation system.

City of Yakima Irrigation POD Changes






Legend



Map Date: 10/26/2015



-  Applicant-requested Surface Diversion
-  CFO-authorized Surface Diversion
-  Sections

Tentative Determination of Extent and Validity

An analysis of the tentative extent and validity for this right was performed using two methods:

- 1) **Aerial Photography.** Aerial photographs from 2003 to 2011 were obtained from Water Resources' GIS. These aerial photographs were reviewed to assess the irrigated areas after 2003 per RCW 90.14.160. Based on aerial photographs taken during 2005, 2006, 2009, and 2011, it appears the entire POU has been irrigated since 2003, supporting continuous beneficial use to the extent of the right specified by the Court in the CFO.

- 2) **Flow Data.** Flow data for the Old Union Canal were obtained from the USBR. These data illustrate monthly diversion quantities starting in April 2000 and ending in July 2010, excepting October 2005. A summary of these data comparing the maximum cfs diverted during the lowest five years' of use are presented in Table 2; maximum diversion quantities are consistently 13.4 cfs. Full data tables are in Appendices 2 and 3. These quantities are compared with the CFO-authorized quantity, and the split of the quantity requested from groundwater at the Arboretum and the remaining available for authorization at proposed diversion at Nelson-Cowiche Dam. This element of the project has been discussed with applicant representative Dave Brown during a July 8, 2014 site visit.

Table 2: Quantities Authorized and Diverted by Old Union under Court Claim 01212.

Month	CFO-authorized Qty.	Old Union Max. Diversion for Lowest Five Years cfs (USBR Data)	Qty.* for diversion from Naches R. at Nelson-Cowiche Dam	Qty. requested from groundwater at Arboretum
April	24.15	13.4	12.72	0.68
May	24.15	13.4	12.72	0.68
June	24.15	13.4	12.72	0.68
July	24.15	13.4	12.72	0.68
August	24.15	13.4	12.72	0.68
September	16.1	13.4	12.95	0.45
October	12.08	13.4	11.74	0.34
Acres of Irrigation	566.4	not reported	540.4	16.0
Acre-feet/year (maximum AF/y use 2006 - 2010 data)	6,670	5,263	5,074.6	188.4

*Quantities in this column are intended to illustrate what quantity is available for surface diversion at Nelson-Cowiche Dam when the City is exercising the maximum-authorized groundwater withdrawal quantity at the Arboretum. For April through September, the value calculated by the cfs reported by Old Union (all 13.4 cfs) less the quantity of groundwater requested (0.68 cfs April through August, 0.45 cfs for September). The CFO-authorized value for October is less than that reported by Old Union (12.08 cfs authorized vs. 13.4 cfs actual), and the value of 11.74 cfs is 12.08 cfs less 0.34 cfs. **NOTE: Arboretum quantities are non-additive with respect to this right (CS4-01212CTCL), and therefore do not restrict the surface diversion quantities except by the quantity being withdrawn from groundwater sources.** Quantities diverted at Nelson-Cowiche Dam may be higher than is listed in this column during times

when groundwater withdrawals are reduced, but not to exceed the maximum additive quantities listed in this ROE.

Other Water Rights Appurtenant to the Proposed POU

The designated POU and historic use for the City's irrigation water right cover a large area, with the POU serving as a service area for a delivery system managed by the City. Historic beneficial use is spread over the lawns and gardens of residents inside the boundary of the POU. Additionally, there are many other water rights and claims to a water right that overlap the area served by the City of Yakima under CS4-01212CTCL. An analysis of Water Resources' Geographic Information System identified 349 water rights, claims to a water right, permits, and applications which at least partially overlap the POU of the subject right. Additionally, there are 147 water rights and claims to a water right with a source (but not necessarily a POU) located within the POU for the subject right.

Ecology is unable to discern at this scale which of these overlapping rights use water separate from the City distribution system. However, the City manages distribution of irrigation water within the POU for this right such that the additive quantities are not exceeded.

A complete listing of the above water right documents is below in Appendix 4.

Authorization for Upstream Move in PODs

RCW 90.03.380 provides that the POD for a perfected water right may be changed, provided that the change will not impair the ability of another water right holder to exercise their right. The change requested in this application is an upstream move in POD. An upstream change in a POD results in an affected reach or section of the river, defined here by the reach of Naches River between the current POD location at river-mile 2.5 (Old Union Canal) and the proposed POD location at river-mile 3.7 (Nelson-Cowiche Dam).

Based on review of Ecology's GIS and archival data, one adjudicated surface water claim—certificate number of S4-83234-J, with a relatively junior priority date of June 30, 1885 for irrigation of 6 acres, 0.12 cubic feet per second, and 27 acre-feet per year—was identified as an intervening right on the affected reach of the Naches River. The diversion for S4-83234-J is located 300 feet south and 1,000 feet east of the west quarter corner of Section 10, T. 13 N., R. 18 E.W.M. The POU for this right is within the W½ SE¼ of Section 10, T. 13 N., R. 18 E.W.M., AND the NE¼ of Section 15, T. 13 N., R. 18 E.W.M.

Ecology does not anticipate any injury or detriment to the existing right resulting from the proposed action of moving the POD of CS4-01212CTCL upstream. Though the upstream move will reduce the flow of the Naches by ~12.0 to ~13.4 cfs in the intervening reach, this represents a proportionally small quantity of water even for very low-flow periods. Table 3 presents a breakdown of the Naches River near Naches¹ under the monthly average² and low-flow conditions³, between January 1, 1960 and

¹ Data are from the US Bureau of Reclamation, Yakima Hydromet Daily Data Access. Values are Average Daily Flow (rivers/streams)(cfs) for the Naches River near Naches (NACW).

² Monthly average quantities are computed using the means-of-the-means method. The value presented in the chart for 'average flow' is the average of all average daily flows for each month, also stated as the arithmetic mean of average daily flow data for each month. Using April as an example, the mean-of-the-means is given by the arithmetic mean of flow data for April days during the study period (April 1 – April 30, 1960, April 1 – April 30, 1961, April 1 – April 30, 2014). This process was repeated for each month April through October.

³ Low-flow conditions are determined as flow volumes less than one standard deviation below the monthly mean.

December 31, 2014. Data are presented for the duration of irrigation season, and illustrate the authorized quantities for both the subject right (Old Union) and the intervening right (Rasmussen/Turner). Last, the table also illustrates the size of the Rasmussen/Turner diversion as a percent of the Naches River under 1) low flow conditions and 2) accounting for the upstream move. Please note that the Rasmussen/Turner right is junior to Old Union. Importantly for this analysis, the size of the Rasmussen/Turner diversion does not exceed 0.20% of the Naches River low-flow discharge.

Table 3
Effects of the proposed change on the Naches River

Month	Apr	May	Jun	Jul	Aug	Sept	Oct
Naches River near Naches, avg. discharge (cfs)	1,833	3,044	2,819	1,156	621	1,131	459
Naches River near Naches, low flow discharge (cfs)	597	1,275	981	167	212	494	71
Qi (cfs) for CS4-01212CTCL (Old Union) after proposed change	13.4	13.4	13.4	13.4	13.4	13.4	12.08
CS4-01212CTCL diversion as a percent of Naches low flow	2.2	1.1	1.4	8.0	6.3	2.7	17.0
CFO-authorized Qi (cfs) for S4-83234-J (Rasmussen/Turner)	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Pct. of Naches authorized for Rasmussen/Turner (S4-83234-J) after proposed move of CS4-01212CTCL, at low flow discharge	0.02	0.01	0.01	0.08	0.06	0.02	0.20

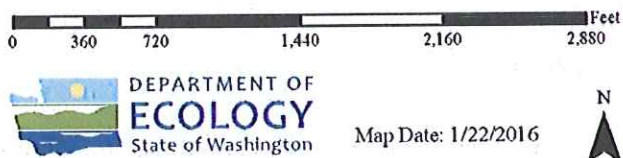
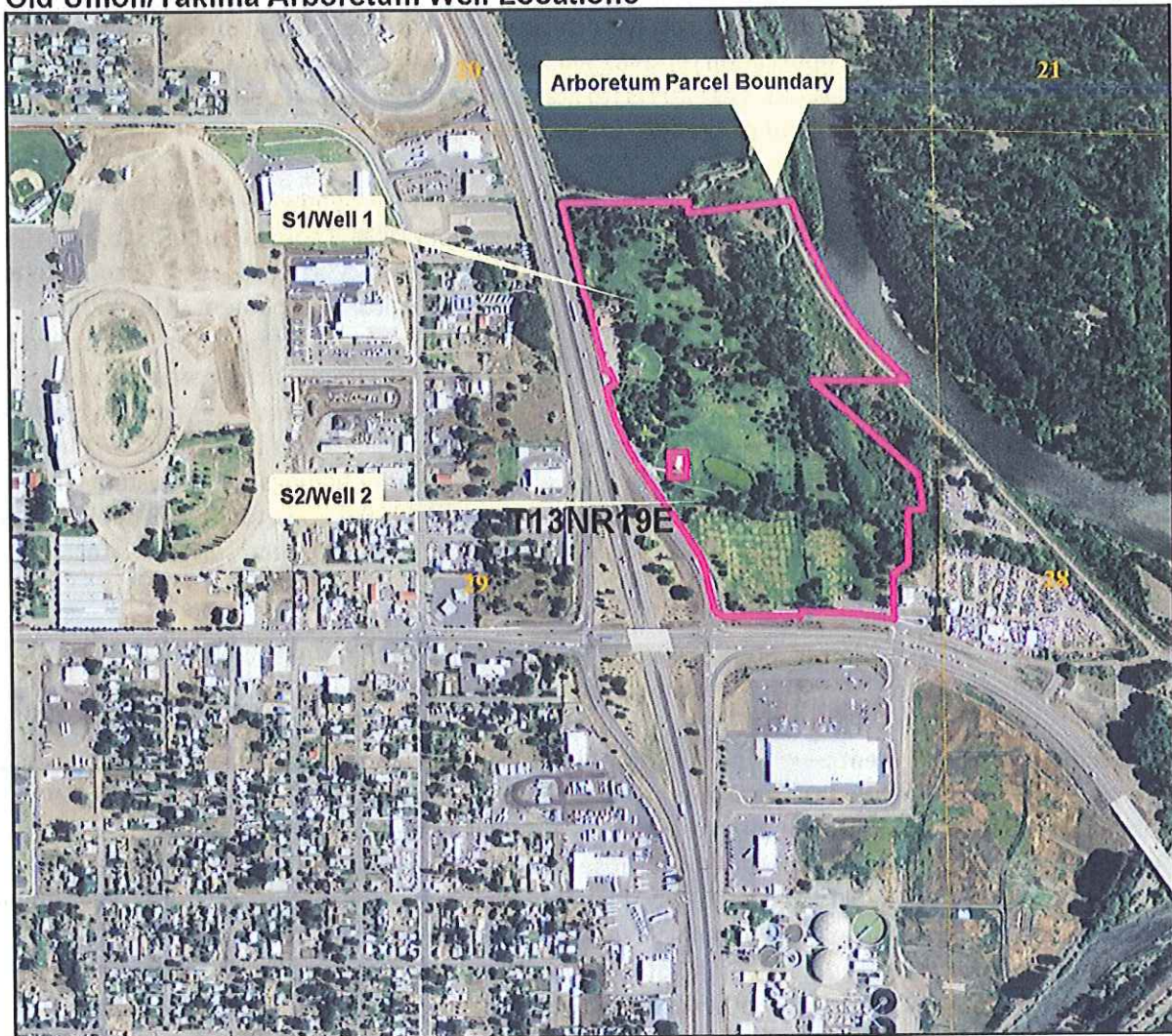
Moving PODs upstream is also problematic due to the potential to adversely affect fish habitat; the nature of this project allays this concern. The overall scope of this project is an inter-agency effort to both improve fish habitat and populations, and alleviate potentially destructive floodplain processes of the Naches River. Combining PODs for the five change applications by the City will allow the removal of several irrigation control apparatuses, allowing for the provision of *de facto* instream flows in Cowiche Creek, in turn benefitting anadromous and resident fish populations.

As a consequence, there are substantial environmental benefits to both the upstream move of the POD and the dam project. These benefits dispel the most common objections to upstream moves—problems stemming from removal of water for a reach of the river or stream—and alleviate ongoing flood plain

(geomorphological) problems currently plaguing the river and the nearby affected communities of Gleeed and Naches.

On May 5, 2011, Ecology received a letter from USBR supporting the upstream move and supporting the City's five change applications.

Old Union/Yakima Arboretum Well Locations



Legend

- Applicant-requested POW/Well
- ▭ Arboretum Parcel Boundary
- ▭ Sections

Hydrologic/Hydrogeologic Evaluation

An Ecology licensed hydrogeologist, Anna Hoselton, authored the Technical Memorandum dated July 30, 2014, which addresses physical water availability and the potential for impairment to existing water users. The entire report may be reviewed upon request. The following includes excerpts from the sections of that report identified by headings shown.

Hydrogeologic Setting: The Hydrogeologic setting for the two wells was discussed during evaluation of the drilled well associated with application G4-29825 in 1991-1992 and again in Yakima County Water Conservancy Board decision (YCWCB), YAKI-10-03, to add a POW to G4-23039C in 2011. Copies of these discussions are included at the end of this report as appendixes.

During a 1991-1992 investigation in the vicinity of the proposed wells, groundwater levels in a small local network of wells were monitored during the non-irrigation period and compared to fluctuations in flow volumes on the nearby Yakima River during the same time. Well logs were reviewed in addition to the fluvial/alluvial depositional characteristics of the local area geological environment. The 350 foot deep well authorized by Temporary Permit, G4-29825T, is in hydraulic continuity with the Yakima River. "Hydraulic Continuity" refers to the hydraulic connection and dynamic interactions between ground water and surface water. An aquifer is in hydraulic continuity with lakes, streams, rivers or other surface water bodies whenever it is discharging to, or being recharged by, surface water... A withdrawal from one will have some effect on the other." (Garrigues, et. al., 1993). These findings are consistent with the more recent USGS Yakima Basin Groundwater Study (Vacarro, et. al, 2009) and other USGS publications describing interactions and hydrogeologic relationships between groundwater and surface water (Winters, et. al., 1998; Barlow and Leake, 2012).

Ecology determined in its review of a 2011 YCWCB Record of Decision that the two existing wells (the proposed wells) were withdrawing groundwater from the same body of public groundwater.

Well interference/impairment potential: In the 2011 decision, the Board found that "...based on actual pumping, proximity of the two POW and absence of comments or protests [,]... The additional POW requested under the subject change application was... installed and put into service in 1988, some 23 years ago...[and] has been fully used in all of those 23 years. As noted above, the two POW are located in very close proximity to one another. The Board is not aware of any complaints of impairment at nearby wells, including those at the Animal Shelter or at Nob Hill Wrecking Yard. Nor is the Board aware of any impairment issues in any of the other 63 wells within 1,000 feet. Finally, no comments or protests regarding impairment or any other concerns have been submitted in regard to the subject change. The Board therefore determines that approving the requested additional POW will not result in impairment of any existing rights."

Ecology reviewed and affirmed the decision (YCWCB, 2011).

Ecology further notes that Well 1 is located within approximately 600 feet south and down gradient of a large water-filled, 80 to 120 foot deep, gravel pit and about 1,000 feet west of the main stem Yakima River. Well 2 is located approximately 1,500 feet south of the gravel pit lake and about 1,200 feet west of the Yakima River. The gravel pit lake is correlative to the local water table and to the static water levels observed in both wells. Subject Well 2 has historically been able to pump the amount requested

even during extraction of gravel over a period of years when the pit was dewatered. Dewatering activities involved the discharge of thousands of gallons of water from the aquifer. Ecology monitoring records show that during October of 1991 irrigation season and April, May and June of 1992 irrigation season, non-pumping water levels recorded at Well 2 were within 3 to 5½ feet of the land surface. Observations at subject Well 2 illustrate the subject aquifer has a high yield capacity and displays very little drawdown during withdrawal under the pumping rate requested. Consequently, any well interference which may occur as a result of the change is not expected to result in conditions of impairment.

The priority date of surface water rights for the Yakima Basin is being established through the adjudication process. RCW 90.03.380 states that "the point of diversion of water for beneficial use or the purpose of use may be changed, if such change can be made without detriment or injury to existing rights." Senior rights are afforded this protection through the regulation of junior rights. Within a surface water system, this protection can be implemented through the reduction of or complete curtailment of the diversion(s) of the surface water by those with junior rights. In the case of a surface water diversion the effect on the stream is immediate; the diversion is shut off or reduced allowing that water to remain in the stream for use by those with more senior rights. Unlike surface water diversions, the effect on the stream will be delayed when a ground water pump is shut off or the pumping rate is reduced; the water that is being withdrawn by a well will not return to the stream immediately. If the subject aquifer is unconfined and pumping is terminated or curtailed, increases in ground water discharge to the stream will be delayed. However, the delay is expected to be of short duration due to the proximity of the subject well to the stream. If the subject aquifer is semi-confined to confined and pumping is terminated or curtailed, increases in ground water discharge to the stream will be delayed longer as the effects of pumping diminish over a longer period of time. These increased delays could complicate regulation of withdrawals from the subject well.

However in this case, the right being changed is unlikely, because of its adjudicated priority date of June 30, 1878, to be regulated. As a result, groundwater lag effects would not be consequential within the regulatory system. Rather, the lag effect described above would foster potentially positive aspects of (1) moving a portion of the original diversion approximately 7 miles downstream, (2) reducing withdrawals directly from the river over the entire irrigation season to less than the historical surface water diversion and (3) spreading at least part of the effect out to the non-irrigation season.

Relationship between the Original Source and Proposed Source:

The Naches River is the source of water for the original authorized POD under Water Right CS4-01212CTCL. The wells proposed under change application CS4-01212CTCL, Well 1 and Well 2, and the original POD exercised under CS4-01212CTCL for purposes of the change can be regarded as the same source. If water is not withdrawn at the original surface water diversion, it will be available at the proposed well within the limitations of the existing adjudicated Court Claim, S4-01212CTCL and the proposed change CS4-01212CTCL.

Consideration of Protests and Comments

There were no protests or comments filed in response to the public notice for this proposed application.

CONCLUSIONS AND RECOMMENDATIONS

In accordance with Chapter 90.03 RCW, I conclude that the water right confirmed under Court Claim No. 01212 with a priority date of June 30, 1878, is in good standing and is eligible for change. Approval of this change to change the POD will not cause impairment, nor will it enlarge the subject right.

Based on the above investigation and conclusions, the author recommends that the request for change be approved in the amounts and listed below and as provisioned in the Report of Examination above.

Authorized Quantities

From the Naches River:

- 13.40 cubic-feet per second from April 1 through September 30.
- 12.08 cubic-feet per second from October 1 through October 31 (non-additive).
- 5,263 ac-ft/yr (additive).

Non-additive quantities authorized from Arboretum groundwater sources:

- 0.68 cubic-feet per second from April 1 through August 31.
- 0.45 cubic-feet per second from September 1 through September 30.
- 0.34 cubic-feet per second from October 1 through October 31.
- 188.4 ac-ft/yr.

Old Union is required to reduce quantities diverted from the Naches River by a quantity equivalent to use of groundwater sources at the Arboretum property.

Purpose of Use

Irrigation of 566.4 acres of residential, commercial, and agricultural land from authorized surface water source.

Non-additive irrigation of 16.0 acres of recreational/municipal park land from authorized groundwater sources.

Point of Diversion

Approximately 1,790 feet south and 1,600 feet east from the northwest corner of Section 9, being within the SE¼NW¼ of Section 9, T. 13 N., R. 18 E.W.M., Yakima County.

Points of Withdrawal

Source 1 at N. 46.58957, W 120.47295, within NE¼ NE¼ Section 29, T. 13 N., R. 19 E.W.M.

Source 2 at N. 46.58684, W 120.47151, within SE¼ NE¼ Section 29, T. 13 N., R. 19 E.W.M.

Place of Use

A narrative description of the POU is given in the Draft Schedule of Rights for the *Acquavella* Surface Water Rights Adjudication:

OU 23 as amended is the written description of Old Union's place of use. The place of use is identified on OU 24, OU 25, COY 15E-1 (Upper Old Union), COY 15L-1 (Central Old Union), COY 15M-1 (Lower Old Union), and COY 15A-1 (City served parcels).

The POU for CS4-01212CTCL is defined by:

- T. 13 N., R. 18 E.W.M.:
 - S½ SE¼ of Section 10.
 - S½ SW¼ of Section 11.
 - S½ SE¼ of Section 11.
 - S½ SW¼ of Section 12.
 - S½ SE¼ of Section 12.
 - NW¼ SE¼ of Section 12.
 - N½ NE¼ of Section 15.
 - N½ NW¼ of Section 14.
 - N½ NE¼ of Section 14.
 - SE½ NE¼ of Section 14.
 - N½ of Section 13.
 - N½ SW¼ of Section 13.
 - N½ SE¼ of Section 13.
- T. 13 N., R. 19 E.W.M.:
 - SW¼ SW¼ of Section 7.
 - NW¼ NW¼ of Section 18.
 - S½ NW¼ of Section 18.
 - N½ SW¼ of Section 18.
 - W½ of Section 20.
 - W½ NE¼ of Section 20.
 - SE¼ of Section 20.
 - SW¼ NW¼ of Section 28.
 - W½ SW¼ of Section 28.
 - Section 29.
 - SE¼ NE¼ of Section 30.
 - NE¼ NW¼ of Section 32.
 - NE¼ of Section 32.
 - W½ NW¼ of Section 33.

Report by: _____
Tyler Roberts, Permit Writer

Date

If you need this document in a format for the visually impaired, call the Water Resources Program at (509) 575-2490. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call (877) 833-6341.

References

Barlow, P.M., and Leake, S.A., 2012, Streamflow depletion by wells—Understanding and managing the effects of groundwater pumping on streamflow: U.S. Geological Survey Circular 1376, 84 p. (Also available at <http://pubs.usgs.gov/circ/1376/>.)

Ecology files CS4-01212CTCL and G4-29825.

Garrigues, Robert S., Mark Ader, Anna Hoselton, Chuck Lehotsky, and Jerry Liszak, November 1993, Procedural Guidelines for Hydrogeologic Investigations, Open File Technical Report, Water Resources Program, Department of Ecology, 13 p.

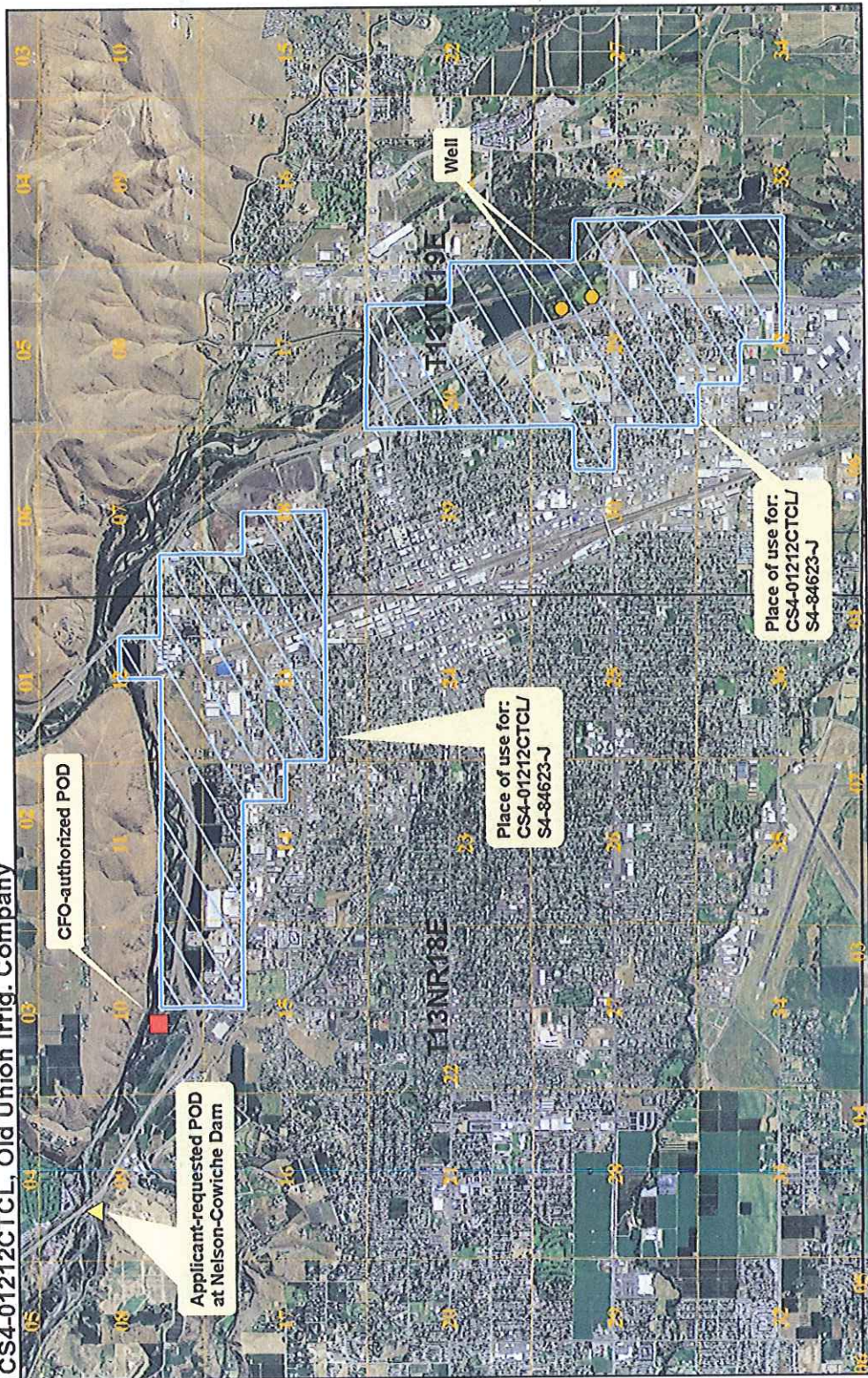
Vaccaro, J.J., Jones, M.A., Ely, D.M., Keys, M.E., Olsen, T.D., Welch, W.B., and Cox, S.E., 2009, Hydrogeologic framework of the Yakima River basin aquifer system, Washington: U.S. Geological Survey Scientific Investigations Report 2009–5152, 106 p.

Winter, Thomas C., et. al., 1998, Ground Water and Surface Water A Single Resource, U.S. Geological Survey Circular 1139, 79 p.

Yakima County Water Conservancy Board Application YAKI-10-13 Record of Decision dated July 7, 2011 to add a POW to Water Right Document G4-23039C.

DRAFT

CS4-01212CTCL, Old Union Irrig. Company



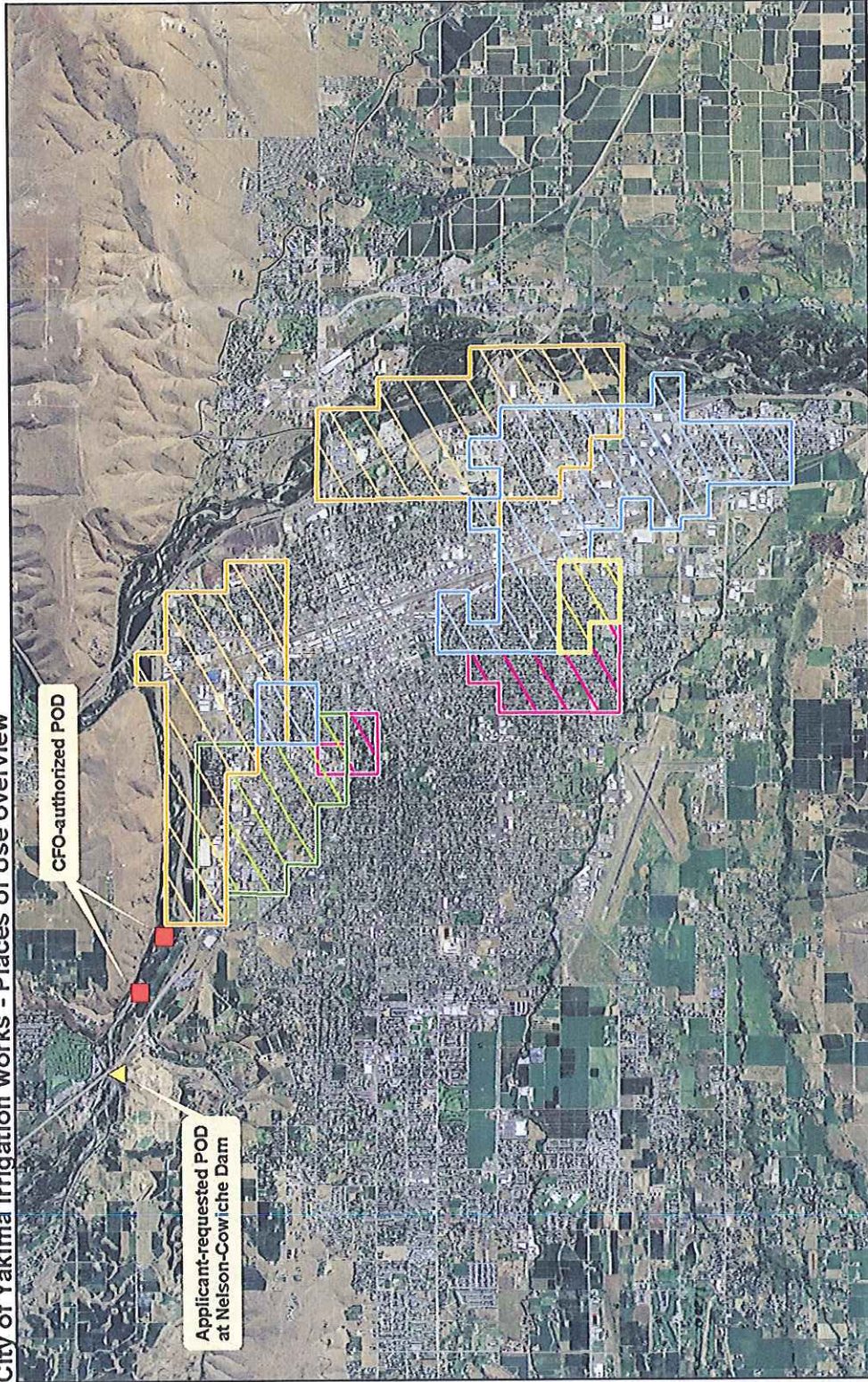
Legend

- ▬ Place of use
- ▬ Applicant-requested Surface Diversion
- ▬ CFO-authorized Surface Diversion
- ▬ Applicant-requested Well
- ▬ Townships
- ▬ Sections



Map Date: 8/19/2015

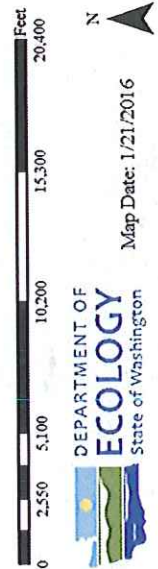
City of Yakima irrigation works - Places of Use overview



- CS4-01210CTCL Place of Use
- CS4-01212CTCL Place of Use
- CS4-01213CTCL Place of Use
- CS4-01214CTCL Place of Use
- CS4-02084CTCL Place of Use

- Applicant-requested Surface Diversion
- CFO-authorized Surface Diversion

Legend



APPENDIX 2
MONTHLY FLOW (Qi) DATA FOR OLD UNION CANAL,
DATA ARE QUANTITIES FOR COURT CLAIM NO. 1212

Old Union Canal Qi (cfs)								
Water Year	Oct	Nov./March	Apr	May	June	Jul	Aug	Sept
1996		0.00						
1997		0.00						
1998		0.00						
1999		0.00						
2000		0.00	13.80	14.20	13.80	13.80	13.80	13.80
2001	13.80	0.00	13.40	13.40	13.40	13.40	13.40	13.40
2002	13.40	0.00	13.40	13.40	13.40	13.40	13.40	13.40
2003	13.40	0.00	13.40	13.40	13.40	13.40	13.40	13.40
2004	13.40	0.00	9.42	10.51	10.51	10.51	10.51	10.51
2005		0.00	13.40	13.40	13.40	13.40	13.40	13.40
2006	13.40	0.00	12.60	12.60	12.60	12.60	12.60	12.60
2007	12.60	0.00	13.40	13.40	13.40	13.40	13.40	13.40
2008	13.40	0.00	13.40	13.40	13.40	13.40	13.40	13.40
2009	13.40	0.00	13.40	13.40	13.40	13.40	13.40	13.40
2010	13.40	0.00	13.20	13.20	13.20	13.20		
2011								
2012								
2013								
2014								
Average	13.36	0.00	12.98	13.12	13.08	13.08	13.07	13.07
Max	13.80	0.00	13.80	14.20	13.80	13.80	13.80	13.80
Median	13.40	0.00	13.40	13.40	13.40	13.40	13.40	13.40
CFO	12.08	NA	24.15	24.15	24.15	24.15	24.15	16.10
Pct of CFO	110.56	NA	53.76	54.32	54.17	54.17	54.12	81.19

APPENDIX 3
Qa DATA FOR OLD UNION CANAL,
DATA ARE QUANTITIES FOR COURT CLAIM NO. 1212

Old Union Canal									
Monthly and total annual diversion in acre-feet									
Water									
Year	Oct	Nov./March	Apr	May	June	Jul	Aug	Sept	Total
1996		0.00							
1997		0.00							
1998		0.00							
1999		0.00							
2000		0.00	670	851	821	843	849	821	4855
2001	345	0.00	297	824	797	824	797	797	4682
2002	372	0.00	718	824	797	824	824	797	5156
2003	372	0.00	797	824	797	824	824	797	5236
2004	292	0.00	504	622	625	625	625	625	3921
2005		0.00	239	824	797	824	824	797	4306
2006	372	0.00	675	750	750	775	775	750	4846
2007	325	0.00	718	824	797	824	824	797	5109
2008	372	0.00	744	824	797	824	824	797	5183
2009	399	0.00	797	824	797	824	824	797	5263
2010	372	0.00	785.5	811.6	785.5	785.5			3540
2011									
2012									
2013									
2014									

APPENDIX 4

Table A4-1: POU within the POU for CS4-01212CTCL

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
S4-84607-J	CFO	April 1, 1869	NA	NA	NA	NA	NA
S4-83218-J	CFO	June 30, 1871	Irrigation	NA	NA	NA	NA
S4-84621-J	CFO	June 30, 1871	NA	NA	NA	NA	NA
S4-84622-J	CFO	June 30, 1871	NA	NA	NA	NA	NA
S4-84113-J	CFO	June 30, 1873	Instream Flow	NA	NA	NA	NA
S4-84572-J	CFO	June 30, 1873	Instream Flow	NA	NA	NA	NA
S4-85121-J	CFO	November 2, 1877	NA	NA	NA	NA	NA
S4-84606-J	CFO	June 30, 1878	NA	NA	NA	NA	NA
S4-84623-J	CFO	June 30, 1878	NA	NA	NA	NA	NA
S4-84363-J	CFO	June 30, 1880	NA	NA	NA	NA	NA
S4-01746CTCLsb10(b)	Certificate	June 30, 1881	Instream Flow, Mitigation	0.015	NA	3.12	NA
S4-83081-J	CFO	June 30, 1884	Instream Flow	NA	NA	NA	NA
S4-05259CTCL@2sb7	Certificate	October 30, 1884	Instream Flow, Mitigation	0.5	NA	195	NA
S4-01724CTCLsb7	Certificate	October 30, 1884	Instream Flow	4.91	NA	226.27	NA
S4-83574-J	CFO	October 30, 1884	Instream Flow	NA	NA	NA	NA
S4-83658-J	CFO	October 30, 1884	Instream Flow	NA	NA	NA	NA
S4-83607-J	CFO	May 20, 1885	Instream Flow	NA	NA	NA	NA
S4-00908CTCL@3sb7	Certificate	May 20, 1885	Instream Flow, Mitigation	3.29	NA	868	NA
S4-85099-J	CFO	May 20, 1885	NA	NA	NA	NA	NA
S4-83234-J	CFO	June 30, 1885	Irrigation	NA	NA	NA	NA
S4-84336-J	CFO	March 12, 1887	Instream Flow	NA	NA	NA	NA
S4-CV1-4P318	Cert. of Change	June 21, 1888	Irrigation	28.6	NA	5,000.00	1,250.00
			Commercial and Industrial, Community Domestic, Fire Protection				
S4-83689-J	CFO	June 5, 1890	NA	NA	NA	NA	NA
S4-84586-J	CFO	June 30, 1893	NA	NA	NA	NA	NA
S4-83014-J	CFO	October 9, 1893	NA	NA	NA	NA	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
S4-84587-J	CFO	March 22, 1894	NA	NA	NA	NA	NA
S4-84114-J	CFO	May 10, 1895	NA	NA	NA	NA	NA
S4-83247-J	CFO	April 1, 1899	Irrigation	NA	NA	NA	NA
G4-121735CL	Claim	January 1, 1900	Domestic General	NA	50	12	NA
S4-83940-J	CFO	June 30, 1900	NA	NA	NA	NA	NA
S4-85104-J	CFO	June 30, 1900	NA	NA	NA	NA	NA
S4-85122-J	CFO	June 30, 1900	NA	NA	NA	NA	NA
S4-85137-J	CFO	June 30, 1900	NA	NA	NA	NA	NA
S4-85138-J	CFO	June 30, 1900	NA	NA	NA	NA	NA
S4-85139-J	CFO	June 30, 1900	NA	NA	NA	NA	NA
S4-85140-J	CFO	June 30, 1900	NA	NA	NA	NA	NA
S4-84608-J	CFO	June 30, 1902	NA	NA	NA	NA	NA
G4-139668CL	Claim	January 1, 1905	Domestic General	NA	5	1	1
S4-84588-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84589-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84610-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84638-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84639-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84640-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84641-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84642-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84643-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84644-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84645-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84646-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84647-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84648-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84649-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
S4-84650-J	CFO	May 10, 1905	NA	NA	NA	NA	NA
G4-119260CL	Claim	April 1, 1908	Domestic General	NA	15	2	NA
G4-139669CL	Claim	January 1, 1910	Domestic General	NA	10	2	NA
G4-047077CL	Claim	January 1, 1920	Domestic General	NA	10	2	NA
G4-151432CL	Claim	January 1, 1920	Domestic General	NA	25	0.5	NA
G4-*00409SWRIS	Certificate	January 1, 1920	Municipal	NA	350	171	NA
G4-125515CL	Claim	June 1, 1920	Domestic General	NA	15	2	NA
G4-130006CL	Claim	January 1, 1923	Domestic General	NA	550	890	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-*00408SWRIS	Certificate	January 1, 1927	Municipal	NA	300	147	NA
G4-153874CL	Claim	August 1, 1927	Irrigation	NA	30	200	NA
G4-082952CL	Claim	January 1, 1929	Domestic General	NA	5	1	NA
G4-082951CL	Claim	January 1, 1930	Domestic General	NA	5	1	NA
G4-146322CL	Claim	January 1, 1930	Domestic General	NA	20	0.5	NA
G4-082950CL	Claim	January 1, 1930	Domestic General, Irrigation	NA	5	1	NA
G4-*00992SWRIS	Certificate	January 1, 1930	Irrigation	NA	2,000.00	1,190.00	1,050.00
G4-139670CL	Claim	June 1, 1931	Domestic General	NA	NA	NA	NA
G4-139671CL	Claim	January 1, 1934	Domestic General	NA	10	2	NA
G4-*00526SWRIS	Certificate	January 1, 1936	Municipal	NA	220	103	NA
G4-015645CL	Claim	January 1, 1937	Domestic General	NA	5	2	NA
G4-015646CL	Claim	January 1, 1937	Domestic General	NA	5	1	NA
G4-003601CL	Claim	April 1, 1937	Domestic General	NA	3.4	1.5	NA
G4-003602CL	Claim	April 1, 1937	Domestic General	NA	3.4	1.5	NA
G4-142276CL	Claim	January 1, 1938	Domestic General, Irrigation	NA	40	8	1
G4-077088CL	Claim	January 1, 1939	Domestic General	NA	10	NA	NA
G4-156470CL	Claim	January 1, 1940	Domestic General	NA	50	NA	NA
G4-*00363SWRIS	Certificate	January 1, 1940	Irrigation	NA	50	10	2.5
G4-CV2P546	Cert. of Change	August 1, 1940	Irrigation	NA	1,500.00	893	700
G4-004056CL	Claim	February 1, 1942	Domestic General, Irrigation	NA	10	16	1
G4-084690CL	Claim	January 1, 1944	Domestic General	NA	10	NA	NA
G4-061012CL	Claim	June 1, 1944	Domestic General, Irrigation	NA	10	NA	NA
G4-*00410SWRIS	Certificate	December 1, 1944	Municipal	NA	400	195	NA
G4-*00991SWRIS	Certificate	April 1, 1945	Irrigation	NA	500	80	20
G4-*00507CWRIS	Super. Cert.	April 8, 1947	Municipal	NA	NA	NA	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-*00580CWRIS	Certificate	July 7, 1947	Domestic Multiple	NA	1,600.00	980	NA
G4-00190-A(A)	Super. Cert.	June 8, 1948	Municipal	NA	NA	NA	NA
G4-00190-A(B)	Super. Permit	June 8, 1948	Municipal	NA	NA	NA	NA
G4-*01112CWRIS	Certificate	April 30, 1949	Municipal	NA	500	534	NA
G4-026311CL	Claim	May 20, 1950	Domestic General	NA	10	3,650.00	NA
S4-01141C(A)	Super. Cert.	January 29, 1951	Municipal	NA	NA	NA	NA
S4-01141P(B)	Super. Permit	January 29, 1951	Municipal	NA	NA	NA	NA
S4-84609-J	CFO	January 29, 1951	NA	NA	NA	NA	NA
G4-*02220CWRIS	Certificate	November 16, 1951	Municipal	NA	700	525	NA
G4-022954CL	Claim	January 1, 1953	Domestic General	NA	15	4	NA
G4-005840CL	Claim	January 1, 1954	Domestic General	NA	3.4	2	NA
G4-*03719CWRIS	Certificate	July 28, 1954	Heat Exchange	NA	500	800	NA
G4-123835CL	Claim	August 1, 1954	Domestic General	NA	60	3.9	NA
G4-072032CL	Claim	June 1, 1955	Domestic General, Irrigation Domestic Multiple, Heat Exchange	NA	12	0.75	1
G4-*04583CWRIS	Certificate	April 24, 1957	Heat Exchange	NA	400	640	NA
G4-*04610CWRIS	Certificate	May 17, 1957	Irrigation	NA	240	80	20
G4-*04807CWRIS	Certificate	March 3, 1958	Irrigation	NA	1,200.00	960	700
G4-070805CL	Claim	May 1, 1958	Domestic General	NA	1	NA	NA
G4-*04933CWRIS	Certificate	July 24, 1958	Municipal	NA	2,800.00	3,200.00	NA
G4-*04954CWRIS	Certificate	August 4, 1958	Municipal	NA	2,300.00	3,680.00	NA
G4-*05076CWRIS	Certificate	November 25, 1958	Municipal	NA	1,385.00	2,216.00	NA
G4-*05254CWRIS	Certificate	May 11, 1959	Municipal	NA	1,000.00	1,600.00	NA
G4-*05294CWRIS	Certificate	June 2, 1959	Municipal	NA	280	448	NA
G4-*05435CWRIS	Certificate	November 12, 1959	Domestic Multiple	NA	1,400.00	1,120.00	NA
G4-130424CL	Claim	February 1, 1960	Domestic General	NA	15	4	NA
G4-104414CL	Claim	March 1, 1960	Domestic General	NA	20	300	NA
G4-065102CL	Claim	May 1, 1962	Domestic General	NA	1	NA	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-141661CL	Claim	May 1, 1962	Irrigation	NA	10	NA	NA
G4-017473CL	Claim	March 1, 1964	Domestic General	NA	40	30	NA
G4-*07529CWRIS	Certificate	March 15, 1965	Domestic General, Irrigation	NA	172	222	5
G4-*07590CWRIS	Certificate	April 14, 1965	Irrigation	NA	50	5.6	1.4
G4-*07591CWRIS	Certificate	April 14, 1965	Irrigation	NA	50	6.4	1.6
G4-*07592CWRIS	Certificate	April 14, 1965	Irrigation	NA	50	7.2	1.8
G4-*07593CWRIS	Certificate	April 14, 1965	Irrigation	NA	50	7.2	1.8
G4-*08302CWRIS	Certificate	September 16, 1966	Domestic Multiple	NA	2,000.00	2,750.00	NA
G4-*08441CWRIS	Certificate	December 21, 1966	Heat Exchange	NA	400	600	NA
G4-144709CL	Claim	May 1, 1967	Irrigation	NA	18	5	1
G4-137560CL	Claim	August 1, 1967	Domestic General, Irrigation	NA	35	2	2
G4-016005CL	Claim	October 1, 1967	Domestic General	NA	5	2	NA
G4-015884CL	Claim	January 1, 1970	Domestic General	NA	3.4	2	NA
G4-156533CL	Claim	January 1, 1970	Domestic General	NA	5	1	NA
G4-156534CL	Claim	January 1, 1970	Domestic General	NA	3.5	1	NA
G4-*10807CWRIS	Certificate	April 22, 1970	Commercial and Industrial, Domestic Single, Fire Protection, Irrigation	NA	300	102.3	1
G3-+00303CWRIS	Certificate	May 18, 1970	Irrigation	NA	120	32	7.4
G4-*11100CWRIS	Certificate	July 29, 1970	Heat Exchange	NA	150	241	NA
G4-020109CL	Claim	December 1, 1970	Domestic General	NA	5	1	NA
G4-027996CL	Claim	March 1, 1971	Domestic General	NA	5	1	NA
G3-+00553CWRIS	Certificate	March 11, 1971	Commercial and Industrial	NA	100	31.6	NA
G4-01142CWRIS	Certificate	May 17, 1971	Irrigation	NA	180	47.2	9
G4-01143CWRIS	Certificate	May 17, 1971	Irrigation	NA	120	23.6	4.5
G3-+20044CWRIS	Certificate	March 7, 1972	Domestic Multiple	NA	60	19	NA
G3-+21197CWRIS	Certificate	May 24, 1973	Irrigation	NA	30	12	3

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-033640CL	Claim	July 23, 1973	Domestic General	NA	NA	NA	NA
G4-033891CL	Claim	July 30, 1973	Domestic General	NA	NA	NA	NA
G4-034188CL	Claim	August 1, 1973	Irrigation	NA	NA	NA	1
G4-039710CL	Claim	September 17, 1973	Domestic General	NA	NA	NA	NA
G4-041607CL	Claim	October 2, 1973	Domestic General	NA	NA	NA	NA
G4-041758CL	Claim	October 3, 1973	Domestic General	NA	NA	NA	NA
G4-042517CL	Claim	October 12, 1973	Domestic General	NA	NA	NA	NA
G4-043485CL	Claim	October 18, 1973	Domestic General	NA	NA	NA	NA
G4-045107CL	Claim	November 2, 1973	Domestic General	NA	NA	NA	NA
G4-045129CL	Claim	November 2, 1973	Domestic General	NA	NA	NA	NA
G4-051992CL	Claim	December 28, 1973	Domestic General	NA	NA	NA	NA
G4-052881CL	Claim	January 6, 1974	Domestic General	NA	NA	NA	NA
G4-054417CL	Claim	January 17, 1974	Domestic General	NA	NA	NA	NA
G4-054484CL	Claim	January 17, 1974	Domestic General	NA	NA	NA	NA
G4-054485CL	Claim	January 17, 1974	Domestic General	NA	NA	NA	NA
G4-057322CL	Claim	January 29, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156535CL	Claim	January 30, 1974	Domestic General	NA	5,000.00	NA	NA
G4-060819CL	Claim	February 13, 1974	Domestic General	NA	NA	NA	NA
G4-061001CL	Claim	February 13, 1974	Domestic General	NA	NA	NA	NA
G4-070565CL	Claim	March 11, 1974	Domestic General	NA	NA	NA	NA
G4-073677CL	Claim	March 26, 1974	Domestic General	NA	NA	NA	NA
G4-075024CL	Claim	March 26, 1974	Domestic General	NA	NA	NA	NA
G4-075025CL	Claim	March 26, 1974	NA	NA	NA	NA	NA
G4-22837CWRIS	Certificate	March 28, 1974	Commercial and Industrial, Domestic Multiple Domestic General, Irrigation	NA	20	8	NA
G4-129092CL	Claim	April 10, 1974	Irrigation	NA	NA	NA	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-141689CL	Claim	April 10, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-083561CL	Claim	April 22, 1974	Domestic General	NA	NA	NA	NA
G4-083423CL	Claim	April 29, 1974	Domestic General	NA	NA	NA	NA
G4-093129CL	Claim	May 20, 1974	Domestic General	NA	NA	NA	NA
G4-158691CL	Claim	June 2, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-23039CWRIS	Certificate	June 3, 1974	Irrigation	NA	200	83	16
G4-23041CWRIS	Certificate	June 3, 1974	Irrigation	NA	400	101	19.5
G4-111626CL	Claim	June 4, 1974	NA	NA	5	1	NA
G4-106698CL	Claim	June 14, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-116835CL	Claim	June 16, 1974	Domestic General	NA	NA	NA	NA
G4-116790CL	Claim	June 21, 1974	Irrigation	NA	NA	NA	NA
G4-116674CL	Claim	June 24, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-119259CL	Claim	June 24, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-107935CL	Claim	June 24, 1974	Irrigation	NA	NA	NA	NA
G4-134055CL	Claim	June 25, 1974	Domestic General	NA	NA	NA	NA
G4-130007CL	Claim	June 25, 1974	Domestic General, Irrigation	NA	40	122	30
G4-158692CL	Claim	June 25, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-158693CL	Claim	June 25, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-159199CL	Claim	June 26, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-162096CL	Claim	June 30, 1974	Domestic General	NA	8	NA	NA
G4-162097CL	Claim	June 30, 1974	Domestic General	NA	8	NA	NA
G4-138450CL	Claim	June 30, 1974	Domestic General	NA	NA	NA	NA
G4-139120CL	Claim	June 30, 1974	Domestic General	NA	NA	NA	NA
G4-139121CL	Claim	June 30, 1974	Domestic General	NA	NA	NA	NA
G4-133918CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-138894CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-138895CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-146443CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-151021CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-151022CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156356CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156508CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156532CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156536CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-133199CL	Claim	June 30, 1974	Domestic General, Irrigation, Stockwater	NA	NA	NA	NA
G4-150928CL	Claim	June 30, 1974	Domestic General, Irrigation, Stockwater	NA	NA	NA	NA
G4-23469CWRIS	Certificate	September 10, 1974	Irrigation, Dust Control	NA	400	210	40
S4-83665-J	CFO	September 28, 1974	Commercial and Industrial	NA	NA	NA	NA
G4-23494CWRIS	Certificate	September 28, 1974	Commercial and Industrial, Domestic Single	NA	228	5.6	NA
G4-038546CL	Claim	September 7, 1975	Domestic General Commercial and Industrial, Domestic Multiple, Irrigation	NA	NA	NA	NA
G4-25698CWRIS	Certificate	January 12, 1978	Irrigation	NA	150	248.28	1
G4-26150CWRIS	Certificate	March 2, 1979	Irrigation	NA	60	27	7
G4-26557CWRIS	Certificate	February 15, 1980	Irrigation	NA	10	2	0.5
G4-28267GWRIS	Certificate	July 29, 1983	Irrigation	NA	145	55.1	14.5

Water Right Document No.	Document Type	Priority Date	Purpose of Use Commercial and Industrial, Domestic General, Domestic Single Commercial and Industrial	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-28349CWRIS	Certificate	November 30, 1983	Domestic Single Commercial and Industrial	NA	18	5	NA
G4-28514CWRIS	Certificate	July 10, 1984	Domestic Single Commercial and Industrial	NA	75	NA	NA
G4-28542(A)	Permit	September 28, 1984	Municipal	NA	3,000.00	4,839.00	NA
G4-28812CWRIS	Certificate	October 14, 1985	Commercial and Industrial	NA	75	NA	NA
G4-29155CWRIS	Certificate	July 17, 1987	Domestic Multiple	NA	95	33	NA
G4-29503CWRIS	Certificate	November 16, 1987	Domestic Multiple	NA	5	1	NA
G4-29825 T	New App.	October 18, 1988	Irrigation	NA	300	NA	12.2
G4-30642	Permit	March 15, 1991	Municipal	NA	2,000.00	3,160.00	NA
S4-31223	New App.	April 13, 1992	Mining	0.56	NA	NA	NA
G4-31325	New App.	June 2, 1992	Municipal	NA	3,500.00	NA	NA
CG4-24889P	Change ROE	July 2, 1992	Municipal	NA	4,000.00	4,688.00	NA
G4-31494	Permit	October 14, 1992	Municipal	NA	2,250.00	2,722.00	NA
CG3-20651C	Change App.	June 9, 1993	Irrigation	NA	380	163.8	38
CG4-23041C	Change App.	June 9, 1993	Irrigation	NA	400	101	19.5
CG4-CCVOL2P546	Change App.	June 9, 1993	Irrigation	NA	1,500.00	893	700
CG4-GWC2922-A	Change App.	June 9, 1993	Irrigation	NA	82	10	2.5
CG4-GWC3105-A	Change App.	June 9, 1993	Irrigation	NA	1,200.00	960	700
CG4-GWC3210-A	Change App.	June 9, 1993	Irrigation	NA	240	34	8.6
CG4-GWC939-D	Change App.	June 9, 1993	Irrigation	NA	500	80	20
CG4-23039C	Change App.	June 9, 1993	Municipal	NA	200	83	NA
CG4-GWC4646-A	Change App.	June 9, 1993	Municipal	NA	2,300.00	3,680.00	NA
CG4-GWC5318-A	Change App.	June 9, 1993	Municipal	NA	2,800.00	3,200.00	NA
CG4-GWC5511-A	Change App.	June 9, 1993	Municipal	NA	172	202	557
CG4-GWC940-D	Change App.	June 9, 1993	Municipal	NA	2,000.00	1,190.00	NA
G4-32214 T	New App.	September 27, 1994	Municipal	NA	1,500.00	2,420.00	NA
G4-32215 T	New App.	September 27, 1994	Municipal	NA	1,500.00	2,420.00	NA
CS4-YRB02CC00755@2	Change ROE	May 1, 2000	Instream Flow	1.09	NA	262	54.33
CS4-YRB03CC02255	Change ROE	May 1, 2000	Instream Flow	226.8	NA	226.8	42

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
CS4-YRB03CC02255@1	Change ROE	May 1, 2000	Instream Flow	252	NA	252	46.67
CS4-YRB03CC02255@2	Change ROE	May 1, 2000	Instream Flow	0.05	NA	14.4	2.67
CS4-YRB03CC02255@3	Change ROE	May 1, 2000	Instream Flow	0.45	NA	122.4	22.67
CS4-YRB03CC02255@4	Change ROE	May 1, 2000	Instream Flow	0.17	NA	46.08	8.53
CS4-YRB03CC02255@5	Change ROE	May 1, 2000	Instream Flow	14.4	NA	14.4	2.67
CS4-YRB04CC00648	Change ROE	May 1, 2000	Instream Flow	1.09	NA	517.83	46.48
CS4-YRB04CC00648@1	Change ROE	May 1, 2000	Instream Flow	1.12	NA	531.77	108.45
CS4-YRB04CC01685	Change ROE	May 12, 2000	Instream Flow	1.76	NA	375	46.69
CS4-YRB04CC01685@1	Change ROE	May 12, 2000	Instream Flow	0.47	NA	100	12.45
CG4-GWC431-A	Change ROE	January 24, 2001	Municipal	NA	500	534	NA
CG4-GWC518-D	Change ROE	January 24, 2001	Municipal	NA	220	103	NA
CG4-GWC3497-A	Change App.	January 24, 2001	NA	NA	NA	NA	NA
CG4-GWC3526-A	Change App.	January 24, 2001	NA	NA	NA	NA	NA
CG4-GWC3526-A@1	Change App.	January 24, 2001	NA	NA	NA	NA	NA
CG4-00190-A(A)C	Change ROE	April 18, 2001	Municipal	NA	900	958	NA
CG4-00190-A(B)	Change ROE	April 18, 2001	Municipal	NA	900	490	NA
CS4-00648(A)CTCL	Change ROE	April 23, 2001	Instream Flow	0.51	NA	241.97	54.65
CS4-00648(B)CTCL	Change ROE	April 23, 2001	Instream Flow	0.58	NA	273.43	23.42
CS4-00755(A)CTCL	Change ROE	April 23, 2001	Instream Flow	0.44	NA	131	27.18
CS4-01685(C)CTCL	Change ROE	April 23, 2001	Instream Flow	0.28	NA	50	6.67
CS4-01685(D)CTCL	Change ROE	April 23, 2001	Instream Flow	1.07	NA	187.5	25

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
CS4-02255(A)CTCL	Change ROE	April 23, 2001	Instream Flow	0.42	NA	113.73	NA
CS4-02255(B)CTCL	Change ROE	April 23, 2001	Instream Flow	0.47	NA	126.33	NA
CS4-02255(C)CTCL	Change ROE	April 23, 2001	Instream Flow	0.03	NA	7.2	1.33
CS4-02255(D)CTCL	Change ROE	April 23, 2001	Instream Flow	0.23	NA	61.2	11.33
CS4-02255(E)CTCL	Change ROE	April 23, 2001	Instream Flow	0.09	NA	23.04	4.27
CS4-02255(F)CTCL	Change ROE	April 23, 2001	Instream Flow	0.03	NA	7.2	1.33
CG4-24889	Change ROE	May 22, 2001	Municipal	NA	4,000.00	1,938.00	NA
CG4-28542(A)	Change ROE	May 22, 2001	Municipal	NA	3,000.00	4,194.00	NA
CG4-GWC5300-A	Change ROE	May 22, 2001	Municipal	NA	1,400.00	1,120.00	NA
CG4-GWC6939-A	Change ROE	May 22, 2001	Municipal	NA	2,000.00	650	NA
R4-34552 T	New App.	April 12, 2002	Municipal	NA	NA	NA	NA
CS4-00284CTCL	Change ROE	May 6, 2002	Instream Flow	11.03	NA	1,316.55	NA
CS4-07476CTCL	Change ROE	May 6, 2002	Instream Flow	0.87	NA	240	60
CS4-00383CTCL@2	Change ROE	June 26, 2003	Instream Flow	0.63	NA	193.25	26.5
CS4-00383CTCL@3	Change ROE	June 26, 2003	Instream Flow	0.47	NA	152.75	23.5
CS4-01228CTCL	Change ROE	April 23, 2004	Instream Flow, Mitigation, Stockwater	0.38	NA	112	3.7
CS4-00746CTCL@2	Change ROE	August 6, 2004	Instream Flow, Irrigation, Stockwater	0.85	NA	86	50
CS4-00746CTCL@3	Change ROE	August 6, 2004	Instream Flow, Irrigation, Stockwater	0.86	NA	68.8	40
CS4-00402CTCL	Change ROE	March 25, 2005	Instream Flow	3	NA	864	NA
CG4-GWC2851-A@2	Change ROE	May 24, 2005	Municipal	NA	5,000.00	8,000.00	NA
CS4-00606CTCL	Change ROE	September 21, 2005	Instream Flow	0.26	NA	36.64	NA
CS4-00696CTCL(B)	Change ROE	January 11, 2006	Instream Flow	0.52	NA	104	52.6
CS4-00696CTCL@1	Change ROE	January 11, 2006	Instream Flow	0.3	NA	60	25
CG4-30642P	Change App.	September 12, 2006	Municipal	NA	2,000.00	3,160.00	NA
CG4-24889@1	Change ROE	September 12, 2006	Municipal	NA	4,000.00	4,688.00	NA
CG4-28542(A)@1	Change ROE	September 12, 2006	Municipal	NA	3,000.00	4,839.00	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
CS4-02206CTCLsb22	Temp. Donation	May 23, 2007	Instream Flow	NA	NA	NA	NA
CS4-00169CTCL@4	Change App.	August 2, 2007	Instream Flow	NA	2.2	250.8	NA
CS4-00296CTCLsb7	Temp. Donation	November 26, 2007	Instream Flow	NA	NA	NA	NA
CS4-00521CTCLsb7	Change ROE	December 12, 2007	Instream Flow	4.29	NA	485.4	NA
CS4-01575CTCLsb9	Temp. Donation	January 15, 2009	Instream Flow	NA	NA	NA	NA
CS4-00636CTCLsb7@1	Temp. Donation	May 13, 2009	Instream Flow	NA	NA	NA	NA
CS4-02223CTCLsb2@1	Change ROE	June 16, 2009	Instream Flow, Mitigation	1.01	NA	101	NA
CS4-00365CTCLsb5	Change ROE	July 16, 2009	Instream Flow, Mitigation	0.67	NA	120.9	NA
CS4-01676(B)CTCL@1	Change ROE	July 16, 2009	Instream Flow, Mitigation	0.7	NA	120.1	NA
CS4-02255(A)CTCL@2	Change ROE	July 30, 2009	Instream Flow	NA	0.286	24.2	NA
CS4-02255(B)CTCL@2	Change ROE	July 30, 2009	Instream Flow	NA	0.04	3.38	NA
CS4-02255(C)CTCL@2	Change ROE	July 30, 2009	Instream Flow	0.034	NA	2.84	NA
CG4-25240C	Change App.	September 8, 2009	Municipal	NA	240	135	NA
CG4-27297C	Change App.	September 8, 2009	Municipal	NA	350	6	NA
CG4-28171C	Change App.	September 8, 2009	Municipal	NA	1,450.00	25.6	NA
CG4-28927C	Change App.	September 8, 2009	Municipal	NA	1,800.00	132.014	NA
CG4-GWC452-D	Change App.	September 8, 2009	Municipal	NA	270	80	NA
CS4-00626CTCL@2sb7	Change ROE	October 9, 2009	Instream Flow, Mitigation	1	NA	392	NA
CS4-00195(Ab)sb6	Change ROE	October 21, 2009	Instream Flow	NA	NA	41.31	NA
CS4-00195(Bb)sb6	Change ROE	October 21, 2009	Instream Flow	NA	NA	236.5	NA
CS4-00195(Cb)sb6	Change ROE	October 21, 2009	Instream Flow	NA	NA	31.59	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
CS4-00648(AB)sb4-b	Change ROE	November 2, 2009	Instream Flow, Irrigation, Mitigation	2.315	NA	505.35	NA
CS4-00487CTCLsb7@1	Temp. Donation	May 4, 2010	Instream Flow	NA	NA	NA	NA
CS4-01207CTCLsb7	Temp. Donation	May 4, 2010	Instream Flow	NA	NA	NA	NA
CS4-00648(AA)sb4-b	Change ROE	June 3, 2010	Instream Flow, Irrigation, Mitigation, Stockwater	NA	NA	43.3	NA
CS4-02267sb4a	Temp. Donation	July 26, 2010	Instream Flow	NA	NA	NA	NA
CS4-02267sb4d	Temp. Donation	July 26, 2010	Instream Flow	NA	NA	NA	NA
CS4-01201CTCLsb3(B)	Change ROE	September 13, 2010	Instream Flow, Mitigation	1.448	NA	26.8	NA
CS4-00714sb2	Change ROE	October 12, 2010	Instream Flow, Mitigation	1.5	NA	25.64	NA
CS4-01676sb5d@2	Change ROE	December 6, 2010	Instream Flow, Mitigation	0.284	NA	47.56	NA
CS4-01676sb5d@3	Change ROE	December 6, 2010	Instream Flow, Mitigation	0.386	NA	71.35	NA
CS4-01968sb11a	Change ROE	December 6, 2010	Instream Flow, Stockwater	1.385	NA	124.36	NA
CS4-01553sb11a	Change ROE	December 6, 2010	Instream Flow	0.651	NA	69.963	NA
CS4-01676sb5d@4	Temp. Donation	December 30, 2010	Instream Flow	NA	NA	NA	NA
CS4-01210CTCL	Change App.	January 21, 2011	Irrigation	9.38	NA	3,149.00	388.6
CS4-01212CTCL	Change App.	January 21, 2011	Irrigation	24.15	NA	6,670.00	566.4
CS4-01214CTCL	Change App.	January 21, 2011	Irrigation	9.33	NA	3,027.00	224.5
CG4-23039C@1	Change ROE	February 4, 2011	Municipal	NA	118	83	16
CS4-01279sb5c	Change ROE	February 18, 2011	Instream Flow, Mitigation	0.11	NA	18.36	NA
CS4-01467@11sb3a(A)	Change ROE	April 28, 2011	Instream Flow, Mitigation	0.85	NA	147	NA
CS4-00169sb7@8	Temp. Donation	August 8, 2011	Instream Flow	NA	NA	NA	NA
CS4-00169sb7@9	Temp. Donation	August 8, 2011	Instream Flow	NA	NA	NA	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
CS4-05216sb5a(B)	Change ROE	September 29, 2011	Instream Flow	0.33	NA	120	NA
CS4-00648(AA)sb4-c(A)	Change ROE	November 17, 2011	Instream Flow	0.024	NA	7.9	NA
CS4-02316sb8(a1)	Change ROE	August 23, 2012	Instream Flow, Mitigation	0.325	NA	78	NA
CS4-02316sb8(b1)	Change ROE	August 23, 2012	Instream Flow, Mitigation	0.5625	NA	135.5	NA
CS4-02316sb8(c1)	Change ROE	August 23, 2012	Instream Flow, Mitigation	0.1625	NA	39	NA
CS4-02316sb8(d1)	Change ROE	August 23, 2012	Instream Flow, Mitigation	0.2	NA	48	NA
CS4-05671sb5@4	Temp. Donation	October 11, 2012	Instream Flow	NA	NA	NA	NA
CS4-00346sb12@1	Temp. Donation	April 9, 2013	Instream Flow	NA	NA	NA	NA
CS4-01676sb5f	Temp. Donation	June 5, 2013	Instream Flow	NA	NA	NA	NA
CS4-00914sb3g	Change ROE	November 21, 2013	Instream Flow, Mitigation	0.478	NA	60.031	NA
CS4-00914sb3h	Change ROE	November 21, 2013	Instream Flow, Mitigation	0.082	NA	10.169	NA
CS4-00169sb7@10	Temp. Donation	November 25, 2013	Instream Flow	NA	NA	NA	NA
CS4-01676sb5f@1	Change ROE	December 2, 2013	Instream Flow, Mitigation	0.19	NA	35.46	NA
CS4-00756sb2@3	Change ROE	December 2, 2013	Instream Flow	NA	NA	21.01	NA
CS4-00176sb2	Change ROE	January 17, 2014	Instream Flow, Mitigation	0.01	NA	0.877	NA
CS4-01651@7	Temp. Donation	April 11, 2014	Instream Flow	NA	NA	NA	NA
CS4-01863sb3@27	Change ROE	April 25, 2014	Instream Flow, Mitigation	0.196	NA	39.2	NA
CS4-02316sb8a@2	Temp. Donation	April 30, 2014	Instream Flow	NA	NA	NA	NA
CS4-02316sb8b@1	Temp. Donation	April 30, 2014	Instream Flow	NA	NA	NA	NA
CS4-02316sb8c@1	Temp. Donation	April 30, 2014	Instream Flow	NA	NA	NA	NA
CS4-02316sb8d@1	Temp. Donation	April 30, 2014	Instream Flow	NA	NA	NA	NA
CS4-01207sb7@1	Temp. Donation	July 8, 2014	Instream Flow	NA	NA	NA	NA
CS4-00636sb7@2	Change ROE	January 30, 2015	Irrigation, Other Use	NA	0.067	11.2	3.2

Water Right Document No.	Document Type	Priority Date	Purpose of Use Domestic General, Irrigation	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-091172CL	Claim	NA	Domestic General, Irrigation	NA	NA	NA	NA

Table A4-2: PODs within the POU for CS4-01212CTCL

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-139668CL	Claim	January 1, 1905	Domestic General	NA	5	1	1
G4-119260CL	Claim	April 1, 1908	Domestic General	NA	15	2	NA
G4-139669CL	Claim	January 1, 1910	Domestic General	NA	10	2	NA
G4-151432CL	Claim	January 1, 1920	Domestic General	NA	25	0.5	NA
G4-047077CL	Claim	January 1, 1920	Domestic General	NA	10	2	NA
G4-125515CL	Claim	June 1, 1920	Domestic General	NA	15	2	NA
G4-130006CL	Claim	January 1, 1923	Domestic General	NA	550	890	NA
G4-153874CL	Claim	August 1, 1927	NA	NA	30	200	NA
G4-082952CL	Claim	January 1, 1929	Domestic General	NA	5	1	NA
G4-146322CL	Claim	January 1, 1930	Domestic General	NA	20	0.5	NA
G4-082951CL	Claim	January 1, 1930	Domestic General	NA	5	1	NA
G4-082950CL	Claim	January 1, 1930	Domestic General, Irrigation	NA	5	1	NA
G4-139670CL	Claim	June 1, 1931	Domestic General	NA	NA	NA	NA
G4-139671CL	Claim	January 1, 1934	Domestic General	NA	10	2	NA
G4-015645CL	Claim	January 1, 1937	Domestic General	NA	5	2	NA
G4-015646CL	Claim	January 1, 1937	Domestic General	NA	5	1	NA
G4-003601CL	Claim	April 1, 1937	Domestic General	NA	3.4	1.5	NA
G4-003602CL	Claim	April 1, 1937	Domestic General	NA	3.4	1.5	NA
G4-142276CL	Claim	January 1, 1938	Domestic General, Irrigation	NA	40	8	1
G4-077088CL	Claim	January 1, 1939	Domestic General	NA	10	NA	NA
G4-*00363SWRIS	Certificate	January 1, 1940	Irrigation	NA	50	10	2.5
G4-156470CL	Claim	January 1, 1940	NA	NA	50	NA	NA
G4-004056CL	Claim	February 1, 1942	Domestic General, Irrigation	NA	10	16	1
G4-084690CL	Claim	January 1, 1944	Domestic General	NA	10	NA	NA
G4-061012CL	Claim	June 1, 1944	Domestic General, Irrigation	NA	10	NA	NA
G4-00190-A(A)	Super. Cert.	June 8, 1948	Municipal	NA	NA	NA	NA
G4-00190-A(B)	Super. Permit	June 8, 1948	Municipal	NA	NA	NA	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-026311CL	Claim	May 20, 1950	Domestic General	NA	10	3,650.00	NA
G4-022954CL	Claim	January 1, 1953	Domestic General	NA	15	4	NA
G4-123835CL	Claim	August 1, 1954	Domestic General	NA	60	3.9	NA
G4-*04583CWRIS	Certificate	April 24, 1957	Domestic Multiple, Heat Exchange	NA	400	640	NA
G4-*04610CWRIS	Certificate	May 17, 1957	Irrigation	NA	240	80	20
G4-070805CL	Claim	May 1, 1958	Domestic General	NA	1	NA	NA
G4-*04954CWRIS	Certificate	August 4, 1958	Municipal	NA	2,300. 00	3,680.00	NA
G4-104414CL	Claim	March 1, 1960	Domestic General	NA	20	300	NA
G4-065102CL	Claim	May 1, 1962	Domestic General	NA	1	NA	NA
G4-141661CL	Claim	May 1, 1962	Irrigation	NA	10	NA	NA
G4-017473CL	Claim	March 1, 1964	Domestic General	NA	40	30	NA
G4-*07529CWRIS	Certificate	March 15, 1965	Domestic General, Irrigation	NA	172	222	5
G4-*07590CWRIS	Certificate	April 14, 1965	Irrigation	NA	50	5.6	1.4
G4-*07591CWRIS	Certificate	April 14, 1965	Irrigation	NA	50	6.4	1.6
G4-*07592CWRIS	Certificate	April 14, 1965	Irrigation	NA	50	7.2	1.8
G4-*07593CWRIS	Certificate	April 14, 1965	Irrigation	NA	50	7.2	1.8
G4-*08441CWRIS	Certificate	December 21, 1966	Heat Exchange	NA	400	600	NA
G4-144709CL	Claim	May 1, 1967	Irrigation	NA	18	5	1
G4-137560CL	Claim	August 1, 1967	Domestic General, Irrigation	NA	35	2	2
G4-016005CL	Claim	October 1, 1967	Domestic General	NA	5	2	NA
G4-156533CL	Claim	January 1, 1970	Domestic General	NA	5	1	NA
G4-156534CL	Claim	January 1, 1970	Domestic General	NA	3.5	1	NA
G4-015884CL	Claim	January 1, 1970	Domestic General	NA	3.4	2	NA
G3-+00303CWRIS	Certificate	May 18, 1970	Irrigation	NA	120	32	7.4
G4-*11100CWRIS	Certificate	July 29, 1970	Heat Exchange	NA	150	241	NA
G4-020109CL	Claim	December 1, 1970	Domestic General	NA	5	1	NA
G4-027996CL	Claim	March 1, 1971	Domestic General	NA	5	1	NA
G3-+00553CWRIS	Certificate	March 11, 1971	Commercial and Industrial	NA	100	31.6	NA
G3-+20044CWRIS	Certificate	March 7, 1972	Domestic Multiple	NA	60	19	NA
G3-+21197CWRIS	Certificate	May 24, 1973	Irrigation	NA	30	12	3
G4-033640CL	Claim	July 23, 1973	Domestic General	NA	NA	NA	NA
G4-033891CL	Claim	July 30, 1973	Domestic General	NA	NA	NA	NA
G4-034188CL	Claim	August 1, 1973	Irrigation	NA	NA	NA	1
G4-039710CL	Claim	September 17, 1973	Domestic General	NA	NA	NA	NA
G4-041607CL	Claim	October 2, 1973	Domestic General	NA	NA	NA	NA
G4-041758CL	Claim	October 3, 1973	Domestic General	NA	NA	NA	NA

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-042517CL	Claim	October 12, 1973	Domestic General	NA	NA	NA	NA
G4-043485CL	Claim	October 18, 1973	Domestic General	NA	NA	NA	NA
G4-045107CL	Claim	November 2, 1973	Domestic General	NA	NA	NA	NA
G4-045129CL	Claim	November 2, 1973	Domestic General	NA	NA	NA	NA
G4-051992CL	Claim	December 28, 1973	Domestic General	NA	NA	NA	NA
G4-052881CL	Claim	January 6, 1974	Domestic General	NA	NA	NA	NA
G4-054417CL	Claim	January 17, 1974	Domestic General	NA	NA	NA	NA
G4-054484CL	Claim	January 17, 1974	Domestic General	NA	NA	NA	NA
G4-054485CL	Claim	January 17, 1974	Domestic General	NA	NA	NA	NA
G4-057322CL	Claim	January 29, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156535CL	Claim	January 30, 1974	Domestic General	NA	5,000.00	NA	NA
G4-060819CL	Claim	February 13, 1974	Domestic General	NA	NA	NA	NA
G4-061001CL	Claim	February 13, 1974	Domestic General	NA	NA	NA	NA
G4-070565CL	Claim	March 11, 1974	Domestic General	NA	NA	NA	NA
G4-075024CL	Claim	March 26, 1974	Domestic General	NA	NA	NA	NA
G4-073677CL	Claim	March 26, 1974	Domestic General	NA	NA	NA	NA
G4-075025CL	Claim	March 26, 1974	NA	NA	NA	NA	NA
G4-129092CL	Claim	April 10, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-141689CL	Claim	April 10, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-083561CL	Claim	April 22, 1974	Domestic General	NA	NA	NA	NA
G4-083423CL	Claim	April 29, 1974	Domestic General	NA	NA	NA	NA
G4-158691CL	Claim	June 2, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-23039CWRIS	Certificate	June 3, 1974	Irrigation	NA	200	83	16
G4-23041CWRIS	Certificate	June 3, 1974	Irrigation	NA	400	101	19.5
G4-111626CL	Claim	June 4, 1974	NA	NA	5	1	NA
G4-106698CL	Claim	June 14, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-116835CL	Claim	June 16, 1974	Domestic General	NA	NA	NA	NA
G4-116790CL	Claim	June 21, 1974	Irrigation	NA	NA	NA	NA
G4-119259CL	Claim	June 24, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-116674CL	Claim	June 24, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-107935CL	Claim	June 24, 1974	Irrigation	NA	NA	NA	NA
G4-134055CL	Claim	June 25, 1974	Domestic General	NA	NA	NA	NA
G4-130007CL	Claim	June 25, 1974	Domestic General, Irrigation	NA	40	122	30

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-158692CL	Claim	June 25, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-158693CL	Claim	June 25, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-159199CL	Claim	June 26, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-162096CL	Claim	June 30, 1974	Domestic General	NA	8	NA	NA
G4-162097CL	Claim	June 30, 1974	Domestic General	NA	8	NA	NA
G4-139120CL	Claim	June 30, 1974	Domestic General	NA	NA	NA	NA
G4-139121CL	Claim	June 30, 1974	Domestic General	NA	NA	NA	NA
G4-138450CL	Claim	June 30, 1974	Domestic General	NA	NA	NA	NA
G4-156508CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-151021CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-151022CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156532CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156536CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-146443CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-156356CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-138894CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-138895CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-133918CL	Claim	June 30, 1974	Domestic General, Irrigation	NA	NA	NA	NA
G4-150928CL	Claim	June 30, 1974	Domestic General, Irrigation, Stockwater	NA	NA	NA	NA
G4-133199CL	Claim	June 30, 1974	Domestic General, Irrigation, Stockwater	NA	NA	NA	NA
G4-23469CWRIS	Certificate	September 10, 1974	Irrigation, Dust Control	NA	400	210	40
S4-83665-J	CFO	September 28, 1974	Commercial and Industrial	NA	NA	NA	NA
G4-23494CWRIS	Certificate	September 28, 1974	Commercial and Industrial, Domestic Single	NA	228	5.6	NA
G4-038546CL	Claim	September 7, 1975	Domestic General	NA	NA	NA	NA
G4-25698CWRIS	Certificate	January 12, 1978	Commercial and Industrial, Domestic Multiple, Irrigation	NA	150	248.28	1
G4-26150CWRIS	Certificate	March 2, 1979	Irrigation	NA	60	27	7

Water Right Document No.	Document Type	Priority Date	Purpose of Use	CFS	GPM	AC-FT/YR	Acres Irrigated
G4-26557CWRIS	Certificate	February 15, 1980	Irrigation	NA	10	2	0.5
G4-28267GWRIS	Certificate	July 29, 1983	Irrigation	NA	145	55.1	14.5
G4-28349CWRIS	Certificate	November 30, 1983	Commercial and Industrial, Domestic General, Domestic Multiple	NA	18	5	NA
G4-28514CWRIS	Certificate	July 10, 1984	Commercial and Industrial	NA	75	NA	NA
G4-28812CWRIS	Certificate	October 14, 1985	Commercial and Industrial	NA	75	NA	NA
G4-29503CWRIS	Certificate	November 16, 1987	Domestic Multiple	NA	5	1	NA
G4-29825 T	New App.	October 18, 1988	Irrigation	NA	300	NA	12.2
S4-31223	New App.	April 13, 1992	Mining	0.56	NA	NA	NA
CG3-20651C	Change App.	June 9, 1993	Irrigation	NA	380	163.8	38
CG4-23041C	Change App.	June 9, 1993	Irrigation	NA	400	101	19.5
CG4-GWC939-D	Change App.	June 9, 1993	Irrigation	NA	500	80	20
CG4-GWC2922-A	Change App.	June 9, 1993	Irrigation	NA	82	10	2.5
CG4-GWC3105-A	Change App.	June 9, 1993	Irrigation	NA	1,200.00	960	700
CG4-GWC3210-A	Change App.	June 9, 1993	Irrigation	NA	240	34	8.6
CG4-CCVOL2P546	Change App.	June 9, 1993	Irrigation	NA	1,500.00	893	700
CG4-23039C	Change App.	June 9, 1993	Municipal	NA	200	83	NA
CG4-GWC940-D	Change App.	June 9, 1993	Municipal	NA	2,000.00	1,190.00	NA
CG4-GWC4646-A	Change App.	June 9, 1993	Municipal	NA	2,300.00	3,680.00	NA
CG4-GWC5318-A	Change App.	June 9, 1993	Municipal	NA	2,800.00	3,200.00	NA
CG4-GWC5511-A	Change App.	June 9, 1993	Municipal	NA	172	202	557
CG4-GWC2851-A@2	Change ROE	May 24, 2005	Municipal	NA	5,000.00	8,000.00	NA
CS4-01212CTCL	Change App.	January 21, 2011	Irrigation	24.15	NA	6,670.00	566.4
CG4-23039C@1	Change ROE	February 4, 2011	Municipal	NA	118	83	16
G4-091172CL	Claim		Domestic General, Irrigation	NA	NA	NA	NA

